



U.S. Department  
of Transportation

**National Highway  
Traffic Safety  
Administration**

400 Seventh Street, S.W.  
Washington, D.C. 20590

Dear Crash Data Researchers/Users:

Thank you for choosing crash data from the National Highway Traffic Safety Administration (NHTSA) for your research or other use. The information contained in this motor vehicle crash report is collected, maintained and distributed in accordance with Public Law 89-564. In accordance with this Public Law, NHTSA is required not to release any case information until completion of quality control procedures. These procedures include a review of the case material to extract all names, licenses and registration numbers, non-coded interview material, non-research related researcher comments in the margins, non-factual data, and the production number portion of the vehicle identification number (VIN).

If you requested NHTSA to query its database files in order to identify a specific crash, then that query was made using non-personal descriptors you provided for use in our search. This motor vehicle crash may have been identified from a data search and matches the general, non-personal descriptors you provided, but we cannot confirm that this is the specific crash report you requested.

If you have any questions with regard to the above procedures, please contact the Field Operations Branch, Crash Investigation Division, National Center for Statistics and Analysis at 202-366-4820. Again, please be advised that we cannot confirm that this is the case that you have specifically requested nor can we certify the information to be correct.

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AUTO SAFETY HOTLINE  
(800) 424-9393  
Wash. D.C. Area 366-0123

## **DISCLAIMERS**

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The crash investigation process is an inexact science which requires that physical evidence such as skid marks, vehicular damage measurements, and occupant contact points are coupled with the investigator's expert knowledge and experience of vehicle dynamics and occupant kinematics in order to determine the pre-crash, crash, and post-crash movements of involved vehicles and occupants.

Because each crash is a unique sequence of events, generalized conclusions cannot be made concerning the crashworthiness performance of the involved vehicle(s) or their safety systems.

Case Veh. (A): 1998 Ford  
Type: Ranger XLT, regular cab pickup  
Driver: 20-year-old female  
CDC: 01-RFEW-3, 00-TDDO-3

Vehicle (B): 1992 Ford  
Type: Escort LX, 2-door hatchback  
Driver: 63-year-old male  
CDC: 10-FYEW-3

### Situation

(Slide 1, 2) The weather was clear, the roads were dry, and it was daylight as case vehicle (A) was traveling east at a driver-estimated speed of 72 kph (45 mph) in the eastbound lane of a 2-lane asphalt road in a rural area. Vehicle (B) was traveling north at an unknown speed in the northbound lane of a 2-lane asphalt road. Vehicle (B) proceeded through the four-leg intersection with the right-of-way. The driver of case vehicle (A) failed to stop for the stop sign, entered the intersection, and was struck in the right-front side by the left front of vehicle (B). (Slide 3) After the impact, case vehicle (A) rotated counterclockwise, and rolled a total of three-quarter turns. (Slide 4) Case vehicle (A) came to rest off the northeast side of the road in the grass, facing in a southwest direction on its right side.

(Slide 5) Damage to the front of vehicle (B) was moderate with a maximum crush of 54 cm above the front bumper. The direct damage began at the left-front bumper corner and extended 72 cm across the front, resulting in 50-percent front-end overlap and 50-percent vehicle overlap. The front bumper was crushed, the grille was damaged, and both headlight assemblies were broken. There was moderate damage above the bumper area, into the hood and left-front fender.

(Slide 6 - 19) Using the WinSMASH accident-reconstruction program and c-values measured for both vehicles, the following impact severities were calculated for the first impact:

| Vehicle          | Variable | Calculated Velocity Change - kph (mph) |              |             |
|------------------|----------|--|--------------|-------------|
|                  |          | Total                                  | Longitudinal | Latitudinal |
| Case Vehicle (A) | Delta V  | 19 (12)                                | -15 (-9)     | -13 (-8)    |
|                  | EBS      | 26 (16)                                | -20 (-13)    | -17 (-11)   |
| Vehicle (B)      | Delta V  | 24 (15)                                | -16 (-10)    | 19 (12)     |
|                  | EBS      | 19 (12)                                | -12 (-8)     | 15 (9)      |

### Exterior Damage

(Slide 20) Damage to the right-front side of case vehicle (A) was severe with a maximum crush of 36 cm to the right-front fender. (Slide 21, 22) The direct damage began at the right-front bumper corner and extended 90-cm rearward along the right side. The right-front fender was damaged, the right-front wheel was damaged and displaced from the axle, and the wheelbase measured at the axle was extended 2 cm.

(Slide 23) Rollover damage extended along the entire right side, the upper and lower A-pillars and B-pillars were deformed, the right door was damaged and jammed closed, and the door window glass was broken. (Slide 24) Rollover damage also extended into the right side of the roof area and right A-pillar, with a maximum crush of 15 cm to the right corner of the roof. (Slide 25, 26) On the left side, there was rollover damage to the left-rear bed of the truck and the left-front fender corner. (Slide 27) Also, the lower B-pillar was deformed, causing the driver's door to be jammed, and the driver's door window glass was broken. Both of the left wheels were damaged, and the left wheelbase was reduced 9 cm. (Slide 28) In the front, the bumper was damaged, the hood was crushed, and both hood hinges were deformed, allowing the rear edge of the hood to elevate. There was no damage to the hood latch. The right-upper corner of the windshield was cracked, due to direct contact with the ground during the rollover. (Slide 29) The rear window popped out, but the glass did not break.

### Interior Damage

(Slide 30) This vehicle is equipped with steering-wheel and passenger frontal-impact airbags which deployed, probably during the right-front impact. (Slide 31) There



was facial makeup on the steering-wheel airbag skin, but otherwise there was no evidence of damage to the airbag skins. There was no damage to the steering wheel and no rotation of the steering column. (Slide 32) There was no damage to the upper or mid portions of the instrument panel, or the knee bolster. There was no damage to the center dash area or glove compartment. (Slide 33) In the right-front seating area, the door was damaged, the door window glass was broken, the right-roof rail, A-pillar and B-pillar were damaged. Also, the right side of the windshield top molding, headlining and roof structure were damaged. The driver's door window glass and rear window glass were displaced, but not broken. The following intrusions were noted and measured.

| Location    | Component         | Distance (cm) | Direction |
|-------------|-------------------|---------------|-----------|
| right front | Roof              | 13            | down      |
|             | A-pillar          | 13            | down      |
|             | Windshield header | 10            | down      |

#### Occupant Kinematics and Injuries

(Slide 34, 35, 36) The 20-year-old female driver was wearing the 3-point belt, which is possibly indicated by marks on the shoulder-belt webbing from the D-ring. She reportedly had the seat in the mid-track position, the tilt steering wheel in the up position, and the shoulder-belt anchor point in the upper position on the B-pillar. During the right side impact, she moved forward and to the right against the belt webbing. She sustained abrasions to the left side of her neck from the shoulder portion of the 3-point belt. (Slide 37) Her face contacted the deploying airbag, as evidenced by facial makeup on the airbag skin. She sustained a corneal abrasion to her right eye, and abrasions to her right cheek, nose, chin and lips from the deploying airbag. She sustained a contusion to her left knee, from contact with the knee bolster.

(Slide 38) The attached table summarizes the injury information for the belt-restrained driver.

Occupant: Driver  
Restraints: 3-point belt worn; airbag deployed

Age: 20 years  
Stature: 160 cm (5 ft 3 in)

Sex: Female  
Mass: 59 kg (130 lb)

| Injury Description           | A.I.S.   | Injury Source                       |          |          |
|------------------------------|----------|-------------------------------------|----------|----------|
|                              |          | Definite                            | Probable | Possible |
| Corneal abrasion, right eye  | 1        | Airbag                              |          |          |
| Abrasions, right cheek       | 1        | Airbag                              |          |          |
| Abrasions, nose              | 1        | Airbag                              |          |          |
| Abrasions, chin              | 1        | Airbag                              |          |          |
| Abrasions, lips              | 1        | Airbag                              |          |          |
| Abrasions, left side of neck | 1        | Shoulder portion of<br>3-point belt |          |          |
| Contusion, left knee         | 1        | Knee bolster                        |          |          |
| <u>Maximum A.I.S. Level</u>  | <u>1</u> |                                     |          |          |
| <u>Injury Severity Score</u> | <u>2</u> |                                     |          |          |

Duplicate columns 1-8  
from the previous card.

Module G 1 Format 0 2  
9 10 11 12

## GENERAL INFORMATION GI-1

### TIME

DATE OF COLLISION

      /       /            

HOUR OF COLLISION  
(24 HOUR CLOCK)

### LOCATION

STATE:                     

STATE FIPS CODE

AREA

- (1) URBAN  
(2) RURAL  
(9) UNKNOWN

2  
27

### ENVIRONMENTAL CONDITIONS

LIMITED-ACCESS HIGHWAY

- (0) NO  
(1) YES  
(9) UNKNOWN

0  
28

ROAD, TOTAL TRAFFIC LANES  
(FOR CASE VEHICLE)

- (1) 1-LANE  
(2) 2-LANES  
(3) 3-LANES  
(4) 4 OR MORE LANES  
(5) DIVIDED, 4 OR MORE LANES  
(6) PARKING LOT/DRIVEWAY  
(7) OTHER:                       
(9) UNKNOWN

2  
29

INTERSECTING RD, TOTAL LANES  
CHOOSE FROM ABOVE LIST, OR

- (8) NOT APPLICABLE

2  
30

TYPE OF ROAD SURFACE

- (1) ASPHALT  
(2) CONCRETE  
(3) GRAVEL  
(4) MORE THAN ONE (CIRCLE EACH)  
(7) OTHER:                       
(9) UNKNOWN

1  
31

ROAD DEFECTS

- (0) NO  
(1) YES  
(9) UNKNOWN

0  
32

### ENVIRONMENTAL CONDITIONS

CONSTRUCTION ZONE

- (0) NO  
(1) YES  
(9) UNKNOWN

0  
33

ROAD ALIGNMENT  
VERTICAL PLANE

- (1) LEVEL  
(2) CREST OF HILL  
(3) SLOPE (2%)  
(4) BOTTOM OF HILL  
(9) UNKNOWN

1  
34

ROAD ALIGNMENT  
HORIZONTAL PLANE

- (1) STRAIGHT  
(2) CURVE  
(3) T - SHAPED  
(4) Y - SHAPED  
(7) OTHER:                       
(9) UNKNOWN

1  
35

SURFACE COVERING

- (10) DRY  
  
(21) WATER - DAMP  
(22) WATER - WET  
(23) WATER - PUDDLED  
(29) WATER - AMOUNT UNKNOWN  
  
(31) SNOW - LOOSE  
(32) SNOW - PACKED  
(39) SNOW - CONDITION UNKNOWN  
  
(41) ICE  
(51) SLUSH  
(61) SPILLED GRAVEL  
(71) OTHER:                       
(99) UNKNOWN

10  
36 37

VISIBILITY LIMITATION  
(FOR CASE VEHICLE)

- (0) NONE  
(1) CLOUDY/DARK  
(2) FOG  
(3) SMOKE  
(4) WINDSHIELD CONDITION  
(5) GLARE  
(6) RAIN  
(7) OTHER:                       
(8) ICE/SNOW  
(9) UNKNOWN

0  
38

VISIBILITY OBSTRUCTION  
(FOR CASE VEHICLE)

- (0) NONE  
(1) BUILDING  
(2) SIGN  
(3) VEGETATION (E.G. BUSHES, SHRUBS)  
(4) TREE  
(5) HILL OR CURVE IN ROAD  
(6) VEHICLE IN TRANSPORT  
(7) OTHER:                       
(8) PARKED VEHICLE  
(9) UNKNOWN

0  
39

## ENVIRONMENTAL CONDITIONS

**SPEED LIMIT**

- |     |                 |          |
|-----|-----------------|----------|
| (0) | 5-45 km/h ..... | 5-25 mph |
| (1) | 46-55 .....     | 30       |
| (2) | 56-60 .....     | 35       |
| (3) | 61-70 .....     | 40       |
| (4) | 71-79 .....     | 45       |
| (5) | 80-85 .....     | 50       |
| (6) | 86-90 .....     | 55       |
| (7) | 91-105 .....    | 60       |
| (8) | OVER 105 .....  | 65       |
| (9) | UNKNOWN         |          |

38

## PRECIPITATION

- (0) NONE  
(1) RAIN  
(2) SNOW  
(3) HAIL  
(4) FREEZING RAIN/SLEET  
(7) OTHER: \_\_\_\_\_  
(9) UNKNOWN

**39**

### RATE OF PRECIPITATION

- (1) LIGHT/MIST  
(2) MODERATE  
(3) HEAVY  
(8) NOT APPLICABLE  
(9) UNKNOWN

8  
40

## TEMPERATURE

- (0) BELOW -15° C ..... BELOW 5° F  
(1) -15 TO -6 ..... 5 TO 22  
(2) -5 TO -1 ..... 23 TO 31  
(3) 0 TO 2 ..... 32 TO 36  
(4) 3 TO 5 ..... 37 TO 41  
(5) 6 TO 15 ..... 42 TO 59  
(6) 16 TO 25 ..... 60 TO 77  
(7) 26 TO 35 ..... 78 TO 95  
(8) OVER 35 ..... OVER 96  
(9) UNKNOWN

9

## CROSSWIND

- (0) NONE  
(1) LIGHT  
(2) STRONG  
(3) GUSTY & STRONG  
(9) UNKNOWN

9  
42

## LIGHT CONDITIONS

- (1) DAYLIGHT
- (2) DAWN
- (3) DUSK
- (4) DARK, LIGHTED
- (5) DARK, UNLIGHTED
- (6) DARK, UNKNOWN IF LIGHTED
- (9) UNKNOWN

43

## MECHANICAL MALFUNCTION

WAS THERE MENTION  
OF A MECHANICAL MALFUNCTION  
IN CASE VEHICLE

- (0) NO  
(1) YES  
(2) YES, DID NOT CONTRIBUTE  
TO ACCIDENT  
(9) UNKNOWN

0  
44

**THE FOLLOWING SECTION SHOULD BE FILLED  
OUT IF A MECHANICAL MALFUNCTION IS  
RECOGNIZED OR SUSPECTED.**

**CIRCLE ITEMS INVOLVED. SUPPORT ANY  
ITEMS CIRCLED WITH COMMENTS.**

## BRAKE SYSTEM

## DRIVER CONTROLS

## EXHAUST SYSTEM

## POWER TRAIN

## STEERING SYSTEM

## FUEL SYSTEM

## SUSPENSION SYSTEM

### VISIBILITY ITEMS

## ELECTRICAL SYSTEM

## TIRES

## THROTTLE CONTROLS

UNKNOWN

OTHER: \_\_\_\_\_

**COMMENTS:** \_\_\_\_\_

# GENERAL INFORMATION GI-3

## CRASH DETAILS

### CASE VEHICLE AND OBJECT

- (0) NO
- (1) YES
- (9) UNKNOWN

**0**  
45

### CASE VEHICLE ROLLOVER

- (0) NO ROLLOVER
- (1) YES, FIRST EVENT
- (2) YES, SUBSEQUENT EVENT
- (3) YES, SEQUENCE UNKNOWN
- (9) UNKNOWN

**2**  
46

### CASE VEHICLE RAN OFF ROADWAY (BEFORE FIRST IMPACT)

- (0) NO
- (1) YES
- (9) UNKNOWN

**0**  
47

### MOVING CASE VEHICLE AND CONTACTED MOVING VEHICLE

- (0) NO
- (1) YES
- (9) UNKNOWN

**1**  
48

### CASE VEHICLE AND CONTACTED STOPPED VEHICLE

- (0) NO
- (1) YES
- (9) UNKNOWN

**0**  
49

### STOPPED CASE VEHICLE AND CONTACTED VEHICLE

- (0) NO
- (1) YES
- (9) UNKNOWN

**0**  
50

### TOTAL NUMBER OF VEHICLES CONTACTED BY CASE VEHICLE IN CRASH

- (8) 8 OR MORE
- (9) UNKNOWN

**1**  
51

### ANY FIRE IN THIS CRASH (NOT JUST CASE VEHICLE)

- (0) NO
- (1) YES
- (9) UNKNOWN

**0**  
52

### HIGHEST POLICE INJURY SEVERITY CODE IN CRASH (NOT JUST CASE VEHICLE)

- (0) O - NO INJURY
- (1) C - POSSIBLE INJURY
- (2) B - NON-INCAPACITATING INJURY
- (3) A - INCAPACITATING INJURY
- (4) K - FATAL
- (5) INJURED, SEVERITY UNKNOWN
- (6) DIED PRIOR TO ACCIDENT
- (7) NON-FATAL INJURY  
SEVERITY UNKNOWN
- (9) UNKNOWN

**3**  
53

### DRIVER IMPAIRMENT

#### DRIVER ALCOHOL INVOLVEMENT (CASE VEHICLE)

- (0) NONE
- (1) YES
- (9) UNKNOWN/NOT REPORTED/  
NO DRIVER

**0**  
54

#### DRIVER ALCOHOL BAC (CASE VEHICLE)

- (80) NO TEST
- (90) CHEMICAL TESTS, NO RESULTS
- (95) AUTOPSY, NO RESULTS
- (99) UNKNOWN

**80**  
55 56

#### WAS THERE MENTION OF DRIVER IMPAIRMENT FOR CASE VEHICLE?

- (0) NO
- (1) YES
- (9) UNKNOWN

**0**  
57

#### LIST IMPAIRMENTS MENTIONED:

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### POST - CRASH DETAIL

#### MANNER CASE VEHICLE LEFT SCENE

- (1) DRIVEN
- (2) TOWED DUE TO DAMAGE
- (3) TOWED, NOT DUE TO DAMAGE
- (4) TOWED, REASON UNKNOWN
- (9) UNKNOWN

**2**  
58

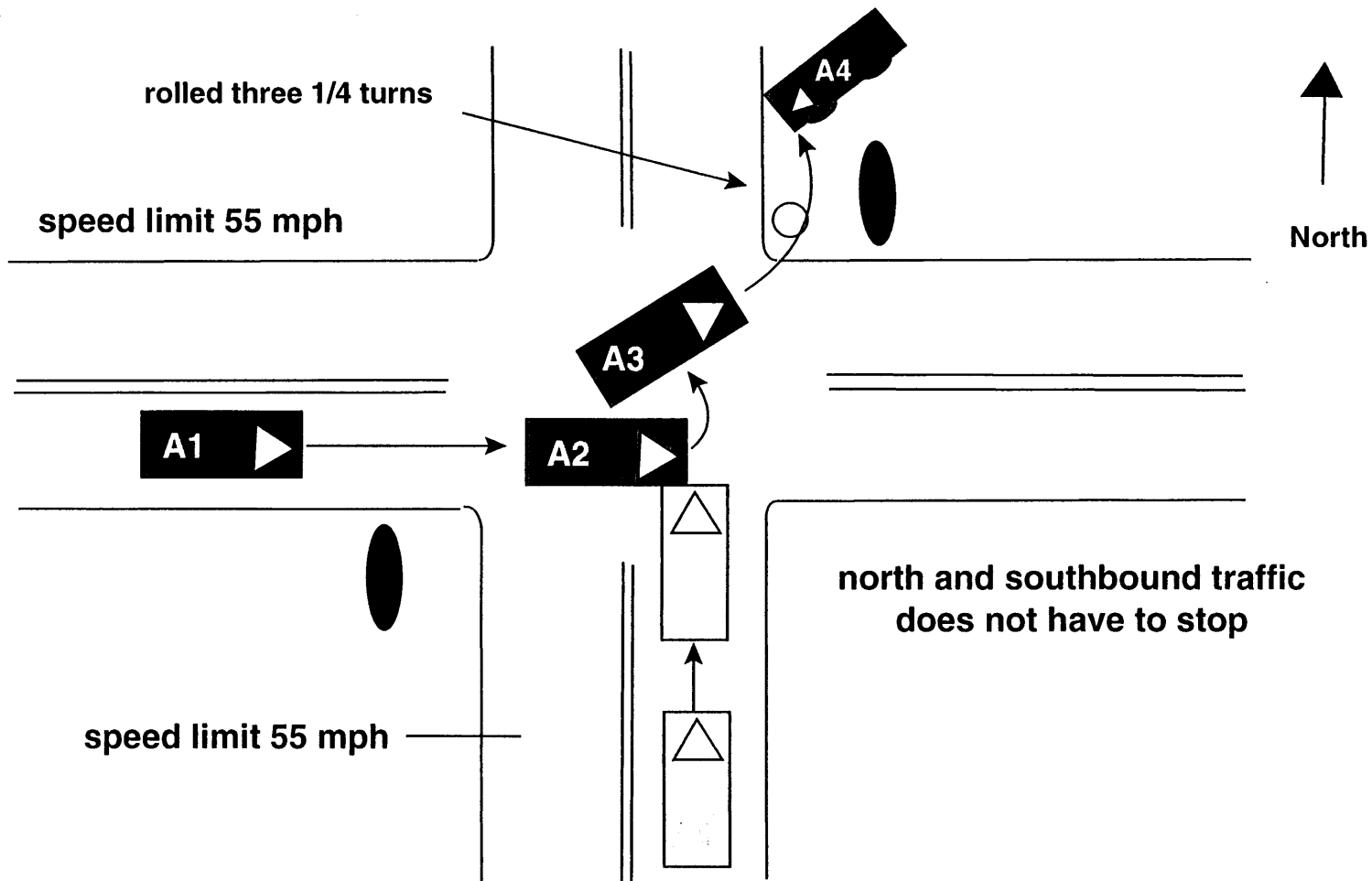
# ACCIDENT SCHEMATIC

ACCIDENT DESCRIPTION: CASE VEHICLE (A) WAS TRAVELING EAST AT A DRIVER-ESTIMATED SPEED OF 72 KPH (45 MPH) IN THE EASTBOUND LANE. VEHICLE (B) WAS TRAVELING NORTH AT AN UNKNOWN SPEED. VEHICLE (B) WAS PROCEEDING THROUGH THE INTERSECTION. CASE VEHICLE (A) FAILED TO STOP AT THE STOP SIGN, ENTERED THE INTERSECTION AND WAS STRUCK IN THE RIGHT-FRONT SIDE BY THE FRONT OF VEHICLE (B). AFTER THE IMPACT, CASE VEHICLE (A) ROLLED OVER

CASE VEHICLE (A): 1998 FORD RANGER  
OTHER VEHICLE (B): 1992 FORD ESCORT  
THIRD VEHICLE (C): \_\_\_\_\_



NORTH



Duplicate columns 1-8  
from the previous card.

Module 0 V Format 0 4  
9 10 11 12

OTHER VEHICLE OV-1

MAKE: FORD  
MODEL: ESCORT LX 2-DR HB

CARGO: NONE

VIN 1FAPP11J3NW

MANUFAC/BODY CODE 12126

MAKE/MODEL CODE 0219

MODEL YEAR 1992

VEHICLE MASS (kg) 001049

IF SEPARATE REPORT WAS MADE,  
GIVE VEHICLE NUMBER 0

NUMBER OF OCCUPANTS  
(ENTER 9'S IF UNKNOWN) 01

TRAVELING SPEED (km/h) 999

- (000) PARKED OR STOPPED  
(995) JUST STARTING UP  
(996) BACKING UP  
(997) SPEED NOT EXCESSIVE (BUT UNKNOWN)  
(998) SPEED EXCESSIVE (BUT UNKNOWN)  
(999) UNKNOWN

HIGHEST POLICE INJURY SEVERITY  
CODE FOR THIS VEHICLE

- (0) O - NO INJURY  
(1) C - POSSIBLE INJURY  
(2) B - NON-INCAPACITATING INJURY  
(3) A - INCAPACITATING INJURY  
(4) K - FATAL  
(5) INJURED, SEVERITY UNKNOWN  
(6) DIED PRIOR TO ACCIDENT  
(7) NON-FATAL INJURY  
SEVERITY UNKNOWN  
(8) UNOCCUPIED VEHICLE  
(NOT APPLICABLE)  
(9) UNKNOWN

#### VEHICLE TYPE

##### PASSENGER VEHICLE

- (02) LARGE  
(03) LIMOUSINE  
(17) PICKUP CAR  
(20) UNKNOWN PASSENGER VEHICLE BODY  
(24) SUB-MINI  
(25) MINI  
(26) SUB-COMPACT  
(27) COMPACT  
(28) INTERMEDIATE  
(29) FULL

##### MULTIPURPOSE PASSENGER VEHICLE

- (14) SMALL UTILITY (WHEELBASE LESS THAN 107",  
E.G. JEEP, BRONCO)  
(15) LARGE UTILITY (WHEELBASE MORE THAN 107",  
E.G. PANEL TRUCK, SUBURBAN)  
(16) PICKUP TRUCK WITH CANOPY/SHELL COVER  
(17) PICKUP CAR WITH CANOPY/SHELL COVER  
(21) MOTOR HOME  
(22) PICKUP TRUCK WITH SLIDE-IN CAMPER  
(23) PICKUP CAR WITH SLIDE-IN CAMPER  
(31) CHASSIS-MOUNTED CAMPER

##### TRUCK

- (11) VAN  
(12) PICKUP TRUCK  
(13) UNKNOWN LIGHT TRUCK  
(15) LARGE UTILITY (E.G. PANEL TRUCK, SUBURBAN)  
(16) PICKUP TRUCK WITH CANOPY/SHELL COVER  
(22) PICKUP TRUCK WITH SLIDE-IN CAMPER  
(30) UNKNOWN TRUCK TYPE  
(31) CHASSIS-MOUNTED CAMPER  
(33) DELIVERY VAN (WALK-IN)  
(34) STRAIGHT TRUCK  
(35) TRUCK-TRACTOR (BOBTAIL)  
(36) CHASSIS-CAB  
(37) UNKNOWN HEAVY TRUCK  
(38) TRACTOR & SEMI-TRAILER (SEMI)  
(39) TRUCK (OR SEMI) & FULL TRAILER(S)

##### BUS

- (40) UNKNOWN BUS TYPE  
(41) SCHOOL BUS  
(42) INTERCITY BUS (BETWEEN CITIES)  
(43) TRANSIT BUS (INTRACITY)  
(44) STREETCAR (ON TRACKS)

- (68) TRAIN (CARS)  
(69) LOCOMOTIVE (ENGINE, SWITCHER)

(99) UNKNOWN

WHEELBASE (cm)  
(999) UNKNOWN

26  
56 57

3  
55

250  
58 59 60

Duplicate columns 1-8  
from the previous card.

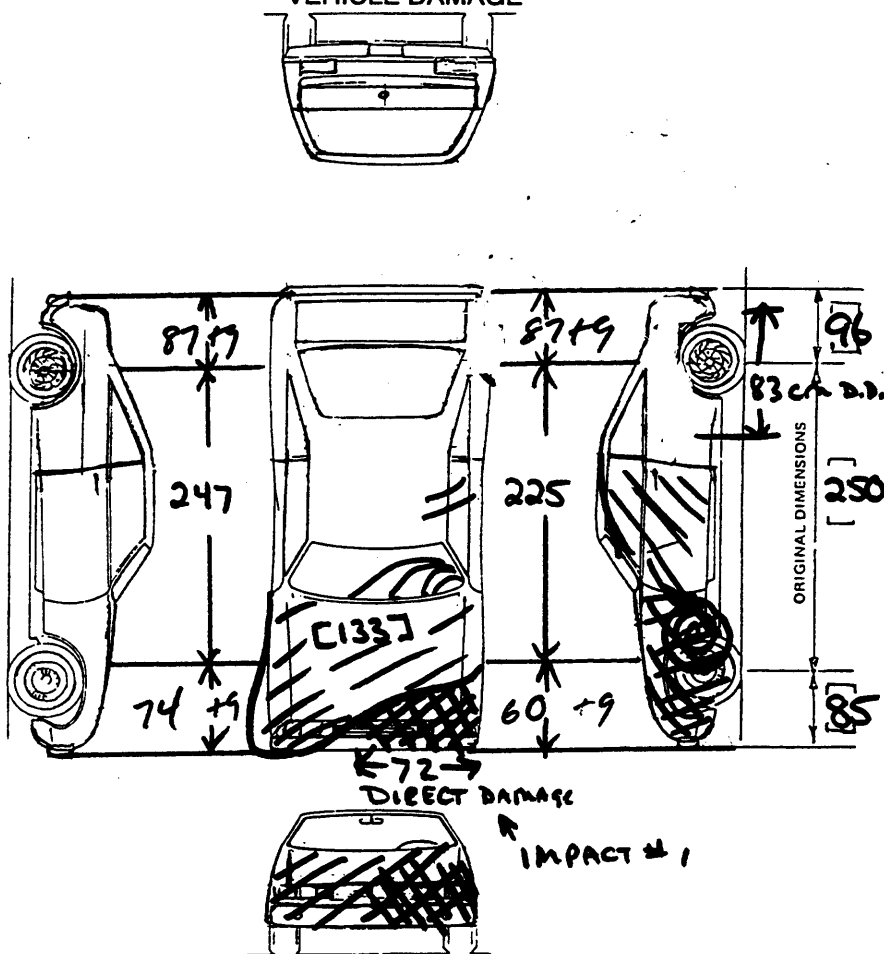
Module 0 V Format 0 2  
9 10 11 12

OTHER VEHICLE OV-2

# ORIGINAL SPECIFICATIONS

|                     |                |                            |               |
|---------------------|----------------|----------------------------|---------------|
| Wheelbase           | <u>250</u> cm  | Front Overhang             | <u>085</u> cm |
|                     |                |                            | 22 24         |
| Curb Weight         | <u>1049</u> kg | Rear Overhang              | <u>096</u> cm |
|                     |                |                            | 25 27         |
| Average Track Width | <u>144</u> cm  | Undeformed End Width (UEW) | <u>145</u> cm |
|                     | 13 15          |                            | 28 30         |
| Overall Length      | <u>432</u> cm  | Engine Displacement        | <u>1.9</u> L  |
|                     | 16 18          |                            | 31 32         |
| Overall Width (OAW) | <u>170</u> cm  | Engine: # of Cylinders     | <u>04</u>     |
|                     | 19 21          |                            | 33 34         |

## VEHICLE DAMAGE



## FRONTAL CRASH OVERLAP

Round up for .5. 98 = 98% or more  
Enter % overlap or "99" for missing or N/A.

Direct Damage Length (DDL) 072 cm

35 37

Front-End Overlap (Percent) =  $\frac{DDL}{UEW}$   $\frac{72}{145}$  50 %

38 39

Vehicle Overlap (Percent) =  $\frac{DDL + 1/2 (OAW - UEW)}{OAW}$   $\frac{72 + 1/2 (170 - 145)}{170}$  50 %

40 41



Duplicate columns 1-8  
from the previous card.

Module V D Format 0 4  
9 10 11 12

VEHICLE DESCRIPTION VD-1

MAKE: FORD  
MODEL: RANGER XLT REG CAB  
PICKUP

CARGO: NONE

VIN 1FTYR10C6WT [REDACTED]

MANUFAC/BODY CODE 12112  
30 34

MAKE/MODEL CODE 3121  
38

MODEL YEAR 1998  
39 42

VEHICLE MASS (kg) 001374  
43 48

ODOMETER (km) 007623  
(ENTER 9'S IF UNKNOWN) 49  
(ENTER 8'S IF ELECTRONIC) 54

NUMBER OF OCCUPANTS 01  
(ENTER 9'S IF UNKNOWN) 56

TRAVELING SPEED (km/h) 072  
59

- (000) PARKED OR STOPPED  
(995) JUST STARTING UP  
(996) BACKING UP  
(997) SPEED NOT EXCESSIVE (BUT UNKNOWN)  
(998) SPEED EXCESSIVE (BUT UNKNOWN)  
(999) UNKNOWN

45mph

VEHICLE TYPE

PASSENGER VEHICLE

- (11) 2-DOOR HARDTOP (NO UPPER B-PILLAR)  
(12) 2-DOOR SEDAN OR COUPE  
(ANY UPPER B-PILLAR)  
(13) 4-DOOR HARDTOP  
(14) 4-DOOR SEDAN  
(15) STATION WAGON  
(16) CONVERTIBLE  
(18) OTHER PASS. VEH. :  
(19) PASSENGER VEHICLE, TYPE UNKNOWN

MULTIPURPOSE PASSENGER VEHICLE

- (21) SMALL UTILITY (E.G. JEEP, SCOUT, BRONCO)  
(22) LARGE UTILITY (E.G. PANEL TRUCK, SUBURBAN)  
(23) VAN, SIZE UNKNOWN  
(24) VAN, SMALL (MINI)  
(25) VAN, LARGE  
(29) MPV, TYPE UNKNOWN  
(30) MOTOR HOME

TRUCK

- (31) PICKUP TRUCK, UNKNOWN  
(32) PICKUP TRUCK, SMALL (DOWNSIZED)  
(33) PICKUP TRUCK, LARGE

(99) UNKNOWN

32  
60 61

STOLEN VEHICLE

- (0) NO  
(1) YES  
(8) NOT COLLECTED  
(9) UNKNOWN

8  
62

BODY STRUCTURE

- (1) BODY & FRAME  
(2) UNITIZED  
(3) INTEGRAL-STUB FRAME  
(4) BODY & PLATFORM FRAME  
(E.G. VW BUG)  
(5) PARTIALLY UNITIZED  
(7) OTHER:   
(9) UNKNOWN

2  
63

TRANSMISSION

- (0) NONE  
(1) AUTOMATIC  
(2) MANUAL  
(9) UNKNOWN

1  
64

LOCATION OF TRANSMISSION  
SELECTOR LEVER

- (1) FLOOR  
(2) CONSOLE  
(3) COLUMN  
(7) OTHER:   
(9) UNKNOWN

3  
65

STEERING

- (1) POWER  
(2) MANUAL  
(9) UNKNOWN

1  
66

BRAKES

- (1) POWER  
(2) MANUAL  
(9) UNKNOWN

1  
67

TYPE OF BRAKES

- (1) DRUM, ALL WHEELS
- (2) DISC, FRONT WHEELS
- (3) DISC, ALL WHEELS
- (9) UNKNOWN

2  
68

WHEELBASE (cm)  
(999) Unknown

284  
76 77 78

BRAKE ANTI-LOCK DEVICE

- (0) NONE INSTALLED
- (1) TWO-WHEEL
- (2) FOUR-WHEEL
- (7) EQUIPPED, UNKNOWN WHEELS
- (9) UNKNOWN

2  
69

PLASTIC ANTI-LACERATIVE  
INNER LAYER GLASS EQUIPPED

- (0) NONE
- (1) WINDSHIELD
- (2) WINDSHIELD AND SIDE
- (7) OTHER
- (9) UNKNOWN

0  
79

AIR CONDITIONING IN VEHICLE

- (0) NO
- (1) YES
- (8) NOT COLLECTED
- (9) UNKNOWN

8  
70

TYPE OF DRIVE

- (1) REAR WHEEL
- (2) FRONT WHEEL
- (3) FOUR WHEEL
- (4) ALL WHEEL DRIVE
- (9) UNKNOWN

1  
71

FIELD INVESTIGATOR INSTRUCTIONS:

1. INDICATE CRUSHED AREAS BY OUT-LINING NEW PERIMETER OF VEHICLE AND SHADING THE DAMAGED AREAS ON THE LARGE SKETCH ON PAGE VD-3. USE AS MANY SKETCHES AS NECESSARY TO COMPLETELY DESCRIBE THE DAMAGE.
2. ENTER THE DIMENSIONS ON THE SKETCH(ES) MEASURED TO THE POINT OF MAXIMUM PENETRATION BY THE OBJECT(S) CONTACTED. USE THE EXAMPLES BELOW AS A GUIDE.
3. ENTER THE THREE DIMENSIONS TO THE CENTER OF THE WHEELS (WHEELBASE, FRONT AND REAR OVERHANGS) ON BOTH SIDES OF THE CAR.
4. ADD OTHER DIMENSIONS AS NECESSARY TO COMPLETELY DESCRIBE THE DAMAGE.

EXAMPLES:

DUAL REAR WHEELS

- (0) NO
- (1) YES
- (9) UNKNOWN

0  
72

ORIGINAL TYPE  
OF RESTRAINT SYSTEM

- (1) ACTIVE BELT
- (2) PASSIVE BELT
- (3) AIRBAG
- (4) KNEE BOLSTERS
- (7) OTHER: \_\_\_\_\_
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

3  
73

EQUIPPED WITH ROLL BAR

- (0) NO
- (1) YES
- (9) UNKNOWN

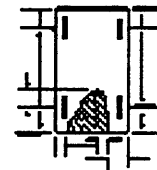
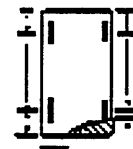
0  
74

TYPE OF ROOF

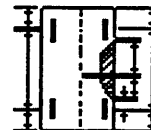
- (0) NONE
- (1) SOLID
- (2) T-TOP CLOSED
- (3) T-TOP OPEN
- (4) SUN ROOF CLOSED
- (5) SUN ROOF OPEN
- (6) CONVERTIBLE CLOSED
- (7) CONVERTIBLE OPEN
- (8) OTHER: \_\_\_\_\_
- (9) UNKNOWN

1  
75

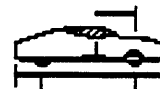
FRONT OR REAR



SIDE



ROOF (REFERENCE TO  
TOP OF DOOR SILL  
OR WINDOW SILL)



Duplicate columns 1-8  
from the previous card.

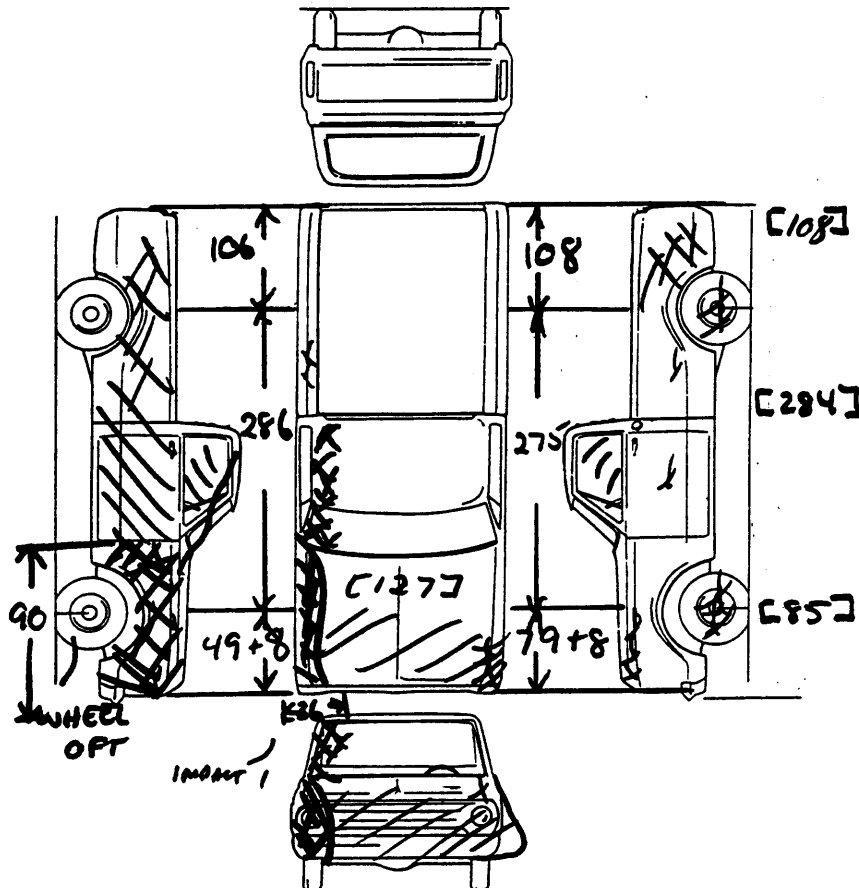
Module V D Format 0 2  
9 10 11 12

# VEHICLE DESCRIPTION VD-3

## ORIGINAL SPECIFICATIONS

|                     |                |                            |               |
|---------------------|----------------|----------------------------|---------------|
| Wheelbase           | <u>284</u> cm  | Front Overhang             | <u>085</u> cm |
| Curb Weight         | <u>1374</u> kg | Rear Overhang              | <u>108</u> cm |
| Average Track Width | <u>148</u> cm  | Undeformed End Width (UEW) | <u>150</u> cm |
| Overall Length      | <u>476</u> cm  | Engine Displacement        | <u>2.5</u> L  |
| Overall Width (OAW) | <u>176</u> cm  | Engine: # of Cylinders     | <u>04</u>     |

## VEHICLE DAMAGE



## FRONTAL CRASH OVERLAP

Round up for .5. 98 = 98% or more  
Enter % overlap or "99" for missing or N/A.

Direct Damage Length (DDL) 999 cm

Front-End Overlap (Percent) =  $\frac{DDL}{UEW}$  99 %

Vehicle Overlap (Percent) =  $\frac{DDL + 1/2 (OAW - UEW)}{OAW}$  99 %

Duplicate columns 1-8  
from the previous card.

Module D A Format 0 2  
9 10 11 12

DAMAGE DA-1

| PRIMARY             | CASE VEHICLE PRIMARY CDC   | CONTACTED VEHICLE ASSOCIATED CDC        |
|---------------------|----------------------------|---|
| EVENT NUMBER        | <u>1</u><br>13             |   |
| IMPACT SPEED (km/h) | <u>999</u><br>14 15 16     | <u>999</u><br>35 36 37                  |
| ESTIMATED BY        | <u>1</u><br>17             | <u>1</u><br>38                          |
| CRUSH (cm)          | +40 <u>036</u><br>18 19 20 | -50 <u>054</u> ABOVE BUMPER<br>39 40 41 |
| CDC #1              | <u>01RFEW.3</u><br>21 27   | <u>10FYEW.3</u><br>42 48                |
| CDC #2              | <u>98.0000.0</u><br>28 34  | <u>98.0000.0</u><br>49 55               |

Duplicate columns 1-8  
from the previous card.

Module D A Format 0 3  
9 10 11 12

| SECONDARY           | CASE VEHICLE SECONDARY CDC | CONTACTED VEHICLE ASSOCIATED CDC |
|---------------------|----------------------------|----------------------------------|
| EVENT NUMBER        | <u>2</u><br>13             | GROUND                           |
| IMPACT SPEED (km/h) | <u>999</u><br>14 15 16     | <u>998</u><br>35 36 37           |
| ESTIMATED BY        | <u>1</u><br>17             | <u>1</u><br>38                   |
| CRUSH (cm)          | <u>015</u><br>18 19 20     | <u>998</u><br>39 40 41           |
| CDC #1              | <u>00.TDDO.3</u><br>21 27  | <u>98.0000.0</u><br>42 48        |
| CDC #2              | <u>98.0000.0</u><br>28 34  | <u>98.0000.0</u><br>49 55        |

## CODES

### EVENT NUMBER

(8) NOT APPLICABLE  
(9) UNKNOWN

### IMPACT SPEED

(998) NOT APPLICABLE  
(999) UNKNOWN

### IMPACT SPEED ESTIMATOR

(1) INVESTIGATOR  
(2) DRIVER  
(3) POLICE  
(4) "CRASH" PROGRAM  
(5) OTHER COMPUTER PROGRAM  
SPECIFY: \_\_\_\_\_  
(7) OTHER: \_\_\_\_\_  
(8) NOT APPLICABLE  
(NO VEHICLE/NO IMPACT)

### CRUSH

(998) NOT APPLICABLE  
(NO VEHICLE/DAMAGE)  
(999) UNKNOWN

### CDC

(9800000) NOT APPLICABLE  
(9900000) UNKNOWN

Duplicate columns 1-8  
from the previous card.

Module D A Format 0 1  
9 10 11 12

DAMAGE DA-2

### MAXIMUM SHEET METAL CRUSH

(cm) (999) UNKNOWN

FRONT 000  
13 15

RIGHT SIDE 036  
16 18

REAR 000  
19 21

LEFT SIDE 024 Roll  
22 24

ROOF 015 Roll  
25 27

OTHER 000  
28 30

### CHRONOLOGICAL SEQUENCE OF DAMAGE/INJURY PRODUCING CRASH EVENTS FOR CASE VEHICLE

NOTE: IF CHRONOLOGICAL ORDER  
IS UNKNOWN, EVENT  
ORDER IS OPTIONAL.

DO YOU KNOW THIS TABLE  
TO BE IN CHRONOLOGICAL ORDER? 1  
31

(0) NO  
(1) YES

#### EVENT NUMBER

#### IMPACT LOCATION

- (1) ON ROADWAY
- (2) SHOULDER/MEDIAN/GORE
- (3) ON ROADSIDE
- (4) OUTSIDE ROADSIDE  
RIGHT-OF-WAY
- (5) OTHER
- (6) OFF ROADWAY, LOC. UNK.
- (9) UNKNOWN

#### IMPACT CONFIGURATION

FOR CODES, SEE TABLE  
ON PAGE DA-3.

#### OBJECT/VEHICLE CONTACTED

FOR CODES, SEE TABLE  
ON PAGE DA-4.

# 1

1  
32

42  
34

26  
36

#2

3  
37

61  
39

80  
41

#3

     
42

     
44

     
46

#4

     
47

     
49

     
51

#5

     
52

     
54

     
56

#6

     
57

     
59

     
61

#7

     
62

     
64

     
66

CODES FOR  
IMPACT CONFIGURATIONFRONT OF CASE VEHICLE

- (11) AND FRONT OF CONTACTED VEHICLE
- (13) AND SIDE OF CONTACTED VEHICLE
- (14) AND REAR OF CONTACTED VEHICLE
- (16) ENDSWIPED BY CONTACTED VEHICLE
- (17) AND OBJECT
- (19) AND UNKNOWN OTHER VEHICLE CONFIGURATION

LEFT SIDE OF CASE VEHICLE

- (21) AND FRONT OF CONTACTED VEHICLE (TYPE T)
- (22) AND FRONT OF CONTACTED VEHICLE (TYPE L)
- (23) AND SIDE OF CONTACTED VEHICLE (NOT SIDESWIPE)
- (24) AND REAR OF CONTACTED VEHICLE (TYPE T)
- (25) AND REAR OF CONTACTED VEHICLE (TYPE L)
- (26) SIDESWIPED BY CONTACTED VEHICLE
- (27) AND OBJECT
- (29) AND UNKNOWN OTHER VEHICLE CONFIGURATION

REAR OF CASE VEHICLE

- (31) AND FRONT OF CONTACTED VEHICLE
- (33) AND SIDE OF CONTACTED VEHICLE
- (34) AND REAR OF CONTACTED VEHICLE
- (36) ENDSWIPED BY CONTACTED VEHICLE
- (37) AND OBJECT
- (39) AND UNKNOWN OTHER VEHICLE CONFIGURATION

RIGHT SIDE OF CASE VEHICLE

- (41) AND FRONT OF CONTACTED VEHICLE (TYPE T)
- (42) AND FRONT OF CONTACTED VEHICLE (TYPE L)
- (43) AND SIDE OF CONTACTED VEHICLE (NOT SIDESWIPE)
- (44) AND REAR OF CONTACTED VEHICLE (TYPE T)
- (45) AND REAR OF CONTACTED VEHICLE (TYPE L)
- (46) SIDESWIPED BY CONTACTED VEHICLE
- (47) AND OBJECT
- (49) AND UNKNOWN OTHER VEHICLE CONFIGURATION

## OTHER

- (57) VEHICLE TO OBJECT
- (58) VEHICLE TO VEHICLE
- (59) VEHICLE TO VEHICLE, CONFIGURATION UNKNOWN

## ROLLOVER

- (61) LESS THAN 360°
- (62) 360° OR MORE
- (69) DETAILS UNKNOWN

## UNKNOWN

- (99) IMPACT TYPE UNKNOWN

CODES FOR VEHICLE/OBJECT CONTACTED

VEHICLE/OBJECT GROUPS

- (00) NO OBJECT
- (01) - (39) PASSENGER VEHICLE & TRUCK
- (40) - (69) OTHER VEHICLE
- (70) - (76) PEDESTRIAN & ON-ROADWAY OBJECT
- (77) - (97) OFF-ROADWAY OBJECT

- (98) OTHER (DESCRIBE)
- (99) UNKNOWN

PASSENGER VEHICLE

- (02) LARGE
- (03) LIMOUSINE
- (17) PICKUP
- (20) UNKNOWN PASSENGER VEHICLE BODY
- (24) SUB-MINI
- (25) MINI
- (26) SUB-COMPACT
- (27) COMPACT
- (28) INTERMEDIATE
- (29) FULL

| SIZE         | WHEELBASE                      |
|--------------|--------------------------------|
| SUB-MINI     | < 2286 mm (< 90")              |
| MINI         | 2286 - 2412 mm (90" - 94.9")   |
| SUB-COMPACT  | 2413 - 2539 mm (95" - 99.9")   |
| COMPACT      | 2540 - 2666 mm (100" - 104.9") |
| INTERMEDIATE | 2667 - 2793 mm (105" - 109.9") |
| FULL         | 2794 - 2920 mm (110" - 114.9") |
| LARGE        | 2921 - 3174 mm (115" - 124.9") |
| LIMOUSINE    | > 3175 mm (> 125")             |

MULTIPURPOSE PASSENGER VEHICLE

- (11) SMALL VAN (MINI)
- (12) PICKUP
- (14) SMALL UTILITY (WHEELBASE LESS THAN 107",  
E.G. JEEP, BRONCO)
- (15) LARGE UTILITY (WHEELBASE MORE THAN 107",  
E.G. PANEL TRUCK, SUBURBAN)
- (16) PICKUP TRUCK WITH CANOPY/SHELL COVER
- (17) PICKUP CAR WITH CANOPY/SHELL COVER
- (21) MOTOR HOME
- (22) PICKUP TRUCK WITH SLIDE-IN CAMPER
- (23) PICKUP CAR WITH SLIDE-IN CAMPER
- (31) CHASSIS-MOUNTED CAMPER

TRUCK

- (11) SMALL VAN (E.G. ECONOLINE)
- (12) PICKUP TRUCK
- (13) UNKNOWN LIGHT TRUCK
- (15) LARGE UTILITY (E.G. PANEL TRUCK, SUBURBAN)
- (16) PICKUP TRUCK WITH CANOPY/SHELL COVER
- (22) PICKUP TRUCK WITH SLIDE-IN CAMPER
- (30) UNKNOWN TRUCK TYPE
- (31) CHASSIS-MOUNTED CAMPER
- (33) DELIVERY VAN (WALK-IN)
- (34) STRAIGHT TRUCK
- (35) TRUCK-TRACTOR (BOBTAIL)
- (36) CHASSIS-CAB
- (37) UNKNOWN HEAVY TRUCK
- (38) TRACTOR & SEMI-TRAILER (SEMI)
- (39) TRUCK (OR SEMI) & FULL TRAILER(S)

BUS

- (40) UNKNOWN BUS TYPE
- (41) SCHOOL BUS
- (42) INTERCITY BUS (BETWEEN CITIES)
- (43) TRANSIT BUS (INTRACITY)
- (44) STREETCAR (ON TRACKS)

MOTORCYCLE

- (50) UNKNOWN MOTORCYCLE TYPE
- (51) 1 - 75 cc
- (52) 76 - 125 cc
- (53) 126 - 250 cc
- (54) 251 - 500 cc
- (55) 501 - 750 cc
- (56) 751 cc +
- (57) 3-WHEELS (OR WITH SIDECAR)

SPECIAL PURPOSE VEHICLE

- (60) UNKNOWN/OTHER SPECIAL VEHICLE (DESCRIBE)
- (61) SNOWMOBILE
- (62) ATV (ALL TERRAIN VEHICLE)
- (63) AMPHIBIOUS VEHICLE
- (64) FARM VEHICLE
- (65) CONSTRUCTION VEHICLE
- (66) TRAILER, PRIVATE (CAMPER)
- (67) TRAILER, COMMERCIAL (CARGO)
- (68) TRAIN (CARS)
- (69) LOCOMOTIVE (ENGINE, SWITCHER)

OBJECT

- (70) PEDESTRIAN
- (71) BICYCLIST, OTHER PEDALCYCLIST
- (72) PEDESTRIAN CONVEYANCE (E.G. PERSON RIDING  
ANIMAL, CART)
- (73) LARGE ANIMAL
- (74) FALLEN OBJECT (E.G. OBJECT DISLODGED FROM  
OTHER VEHICLE, FALLEN TREE, ROCKS)
- (75) ROCKS
- (76) CONSTRUCTION EQUIPMENT (EXCLUDING (65))
- (77) SIGN POST, UTILITY POLE, TREE
- (78) DITCH
- (79) EMBANKMENT, SNOWBANK, RR TRACKS RR X
- (80) GROUND (ROLLOVER ONLY)
- (81) CURB (DAMAGE PRODUCING IMPACTS ONLY)
- (82) CULVERT
- (83) FENCE
- (84) HYDRANT, SHORT POST, STUMP
- (85) SMALL POST/TREE, RURAL MAIL BOX, MILE  
MARKER, DELINEATOR
- (86) BUILDING
- (87) PIER, PILLAR, BRIDGE SUPPORT
- (88) ABUTMENT, RETAINING WALL
- (89) BRIDGE RAIL
- (90) GUARD RAIL, LEADING SECTION
- (91) GUARD RAIL, MIDDLE OR UNKNOWN
- (92) GUARD RAIL, TRAILING SECTION
- (93) GUARD POST (TIMBER, METAL, CONCRETE)
- (94) CABLE, FENCE BARRIER
- (95) CONCRETE BARRIER (MEDIAN)
- (96) IMPACT ATTENUATOR
- (97) BREAKAWAY FEATURES





Duplicate columns 1-8  
from the previous card.

Module C R Format 0 1  
9 10 11 12

# CRASH RECONSTRUCTION CR-1

for  $\Delta V$

|  | CASE VEHICLE PRIMARY IMPACT |                            | CASE VEHICLE SECONDARY IMPACT |                          |
|--|-----------------------------|----------------------------|-------------------------------|--------------------------|
|  | CASE VEHICLE                | CONTACTED VEHICLE          | CASE VEHICLE                  | CONTACTED VEHICLE        |
| EVENT NUMBER   | <u>1</u><br>13              |                            | <u>2</u><br>47                |                          |
| $\Delta V$ (km/h) TOTAL                                  | <u>019</u><br>14 15 16      | <u>024</u><br>32 33 34     | <u>9-</u><br>48 49 50         | <u>9-</u><br>66 67 68    |
| LONGITUDINAL*  | <u>-015</u><br>17 18 19 20  | <u>-016</u><br>35 36 37 38 | <u>9-</u><br>51 52 53 54      | <u>9-</u><br>69 70 71 72 |
| LATERAL*   | <u>-013</u><br>21 22 23 24  | <u>+019</u><br>39 40 41 42 | <u>9-</u><br>55 56 57 58      | <u>9-</u><br>73 74 75 76 |
| *NOTE: THESE $\Delta V$ COMPONENTS<br>MUST INCLUDE SIGN. |                             |                            |                               |                          |
| EXAMPLES: 10 km/h = <u>+010</u><br>-7 km/h = <u>-007</u> |                             |                            |                               |                          |
| ENERGY DISSIPATED BY<br>CRUSH (kj)                       | <u>0040</u><br>25 26 27 28  | <u>0038</u><br>43 44 45 46 | <u>9-</u><br>59 60 61 62      | <u>9-</u><br>77 78 79 80 |
| RECONSTRUCTION   |                             |                            |                               |                          |
| (01) RECONSTRUCTED, UNKNOWN<br>CONFIDENCE LEVEL          | <u>21</u><br>29 30          |                            | <u>09</u><br>63 64            |                          |
| (21) RECONSTRUCTED, LOW<br>CONFIDENCE LEVEL              |                             |                            |                               |                          |
| (22) RECONSTRUCTED, MODERATE<br>CONFIDENCE LEVEL         |                             |                            |                               |                          |
| (23) RECONSTRUCTED, HIGH<br>CONFIDENCE LEVEL             |                             |                            |                               |                          |
| NOT RECONSTRUCTED BECAUSE                                |                             |                            |                               |                          |
| (02) INSUFFICIENT DATA                                   |                             |                            |                               |                          |
| (03) EXCESSIVE UNDERRIDE/<br>OVERRIDE                    |                             |                            |                               |                          |
| (04) ROLLOVER  |                             |                            |                               |                          |
| (05) VAULTING  |                             |                            |                               |                          |
| (06) OTHER TRAVEL IN MORE<br>THAN ONE PLANE              |                             |                            |                               |                          |
| (07) NON-HORIZONTAL FORCE                                |                             |                            |                               |                          |
| (08) SIDESWIPE-TYPE DAMAGE                               |                             |                            |                               |                          |
| (09) YIELDING OBJECT                                     |                             |                            |                               |                          |
| (10) OTHER: _____  |                             |                            |                               |                          |
| (11) AT LEAST ONE VEHICLE<br>BEYOND SCOPE                |                             |                            |                               |                          |
| (12) OTHER VEHICLE NOT<br>INSPECTED                      |                             |                            |                               |                          |
| MODE   |                             |                            |                               |                          |
| (1) CDC ONLY   |                             |                            |                               |                          |
| (2) CDC & DETAILED DAMAGE                                | <u>2</u><br>31              |                            | <u>5</u><br>65                |                          |
| (3) TRAJECTORY & CDC                                     |                             |                            |                               |                          |
| (4) TRAJECTORY & CDC &<br>DETAILED DAMAGE                |                             |                            |                               |                          |
| (5) NOT RECONSTRUCTED                                    |                             |                            |                               |                          |
| COMPUTER PROGRAM<br>SPECIFY: <u>WINSMASH</u>             |                             |                            |                               |                          |

Duplicate columns 1-8  
from the previous card.

Module C R Format 0 2  
9 10 11 12

CRASH RECONSTRUCTION CR-2  
for EBS

|  | CASE VEHICLE PRIMARY IMPACT |                        | CASE VEHICLE SECONDARY IMPACT |                       |
|--|-----------------------------|------------------------|-------------------------------|-----------------------|
|  | CASE VEHICLE                | CONTACTED VEHICLE      | CASE VEHICLE                  | CONTACTED VEHICLE     |
| EVENT NUMBER   | <u>1</u><br>13              |                        | <u>2</u><br>47                |                       |
| EBS (km/h) TOTAL   | <u>026</u><br>14 15 16      | <u>019</u><br>32 33 34 | <u>9-</u><br>48 49 50         | <u>8-</u><br>66 67 68 |
| LONGITUDINAL *   | <u>-020</u><br>17 20        | <u>-012</u><br>35 38   | <u>9-</u><br>51 54            | <u>8-</u><br>69 72    |
| LATERAL *  | <u>-017</u><br>21 24        | <u>+015</u><br>39 42   | <u>9-</u><br>55 58            | <u>8-</u><br>73 76    |
| * NOTE: THESE EBS COMPONENTS<br>MUST INCLUDE SIGN.             |                             |                        |                               |                       |
| EXAMPLES: 10 km/h = <u>± 0 1 0</u><br>-7 km/h = <u>- 0 0 7</u> |                             |                        |                               |                       |
| ENERGY DISSIPATED BY<br>CRUSH (kj)                             | <u>0038</u><br>25 28        | <u>0035</u><br>43 46   | <u>9-</u><br>59 62            | <u>8-</u><br>77 80    |
| RECONSTRUCTION   |                             |                        |                               |                       |
| (01) RECONSTRUCTED, UNKNOWN<br>CONFIDENCE LEVEL                | <u>21</u><br>29 30          |                        | <u>04</u><br>63 64            |                       |
| (21) RECONSTRUCTED, LOW<br>CONFIDENCE LEVEL                    |                             |                        |                               |                       |
| (22) RECONSTRUCTED, MODERATE<br>CONFIDENCE LEVEL               |                             |                        |                               |                       |
| (23) RECONSTRUCTED, HIGH<br>CONFIDENCE LEVEL                   |                             |                        |                               |                       |
| NOT RECONSTRUCTED BECAUSE                                      |                             |                        |                               |                       |
| (02) INSUFFICIENT DATA   |                             |                        |                               |                       |
| (03) EXCESSIVE UNDERRIDE/<br>OVERRIDE                          |                             |                        |                               |                       |
| (04) ROLLOVER  |                             |                        |                               |                       |
| (05) VAULTING  |                             |                        |                               |                       |
| (06) OTHER TRAVEL IN MORE<br>THAN ONE PLANE                    |                             |                        |                               |                       |
| (07) NON-HORIZONTAL FORCE                                      |                             |                        |                               |                       |
| (08) SIDESWIPE-TYPE DAMAGE                                     |                             |                        |                               |                       |
| (09) YIELDING OBJECT   |                             |                        |                               |                       |
| (10) OTHER: _____  |                             |                        |                               |                       |
| (11) AT LEAST ONE VEHICLE<br>BEYOND SCOPE                      |                             |                        |                               |                       |
| (12) OTHER VEHICLE NOT<br>INSPECTED                            |                             |                        |                               |                       |
| MODE   |                             |                        |                               |                       |
| (1) CDC ONLY   |                             |                        |                               |                       |
| (2) CDC & DETAILED DAMAGE                                      | <u>2</u><br>31              |                        | <u>5</u><br>65                |                       |
| (3) TRAJECTORY & CDC   |                             |                        |                               |                       |
| (4) TRAJECTORY & CDC &<br>DETAILED DAMAGE                      |                             |                        |                               |                       |
| (5) NOT RECONSTRUCTED  |                             |                        |                               |                       |
| COMPUTER PROGRAM<br>SPECIFY: <u>WINSMASH</u>                   |                             |                        |                               |                       |

Duplicate columns 1-8  
from the previous card.

Module C R Format 0 3  
9 10 11 12

# CRASH RECONSTRUCTION CR-3

- NOTES:
1. ENTER CRASH RECONSTRUCTION DAMAGE MEASUREMENTS IN CENTIMETERS.
  2. MEASURE  $C_1$  TO  $C_6$  FROM DRIVER TO PASSENGER SIDE IN FRONT OR REAR IMPACTS, REAR TO FRONT IN SIDE IMPACTS.
  3.  $D$  IS POSITIVE IF MEASURED TO A POINT FORWARD OF OR TO THE RIGHT OF THE CG.
  4. USE THE CENTER OF THE WHEELBASE AS THE CG.

CASE VEHICLE

LOCATOR

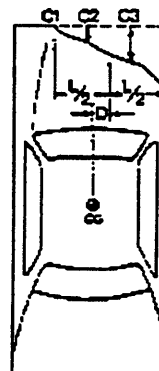
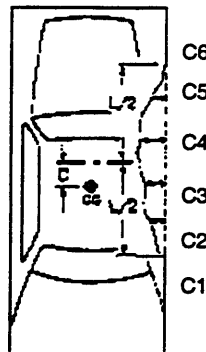
Locate the end of the damage with respect to the vehicle longitudinal center line, or an undamaged axle for side impacts.

| Specific Impact No. | Location of Direct Damage | Location of Field L |
|---------------------|---------------------------|---------------------|
| 1                   | BEGINS AT R F B C         | FRONT-RIGHT FENDER  |
|                     |                           |                     |
|                     |                           |                     |

SIZE 3  
STIFF 3  
WEIGHT w/OCC = 1433

PLANE:

- (1) Bumper
- (2) Above Bumper
- (3) Sill
- (4) Above Sill
- (5) Other \_\_\_\_\_
- (9) Unknown



STRINGLINE SET AT 174  
FOR OAW. IT IS 176. ADD  
2 cm FROM ALL C'S

DL \_\_\_\_\_

UDL \_\_\_\_\_

## CRUSH PROFILE IN CENTIMETERS

NOTE: Each line in the table below is a separate record (card).

Duplicate columns 1 - 12 for each completed line.

| Specific Impact Number | Plane of Impact C-Measur. | Direct Damage |           | Field L  | $C_1$    | $C_2$    | $C_3$    | $C_4$    | $C_5$    | $C_6$    | $\pm D$     |
|------------------------|---------------------------|---------------|-----------|----------|----------|----------|----------|----------|----------|----------|-------------|
|                        |                           | Length (DDL)  | Max Crush |          |          |          |          |          |          |          |             |
| 1                      | 4                         | 90            | 36        | 104      | 3        | 12       | 7.5      | 13       | 30       | 36       | +146        |
| STRINGLINE ADJUSTMENT  |                           | +2            |           |          | +2       | +2       | +2       | +2       | +2       | +2       |             |
| FREESPACE              |                           | -2            |           |          | -4.5     | -3       | -3       | -3       | -3       | -2       |             |
| TOTAL                  |                           |               | 36        |          | .5       | 11       | 6.5      | 12       | 29       | 36       |             |
| 1                      | 4                         | 090           | 036       | 104      | 001      | 011      | 007      | 012      | 029      | 036      | +146        |
| 13                     | 14                        | 15 16 17      | 18 19 20  | 21 22 23 | 24 25 26 | 27 28 29 | 30 31 32 | 33 34 35 | 36 37 38 | 39 40 41 | 42 43 44 45 |
|                        |                           |               |           |          |          |          |          |          |          |          |             |
|                        |                           |               |           |          |          |          |          |          |          |          |             |
|                        |                           |               |           |          |          |          |          |          |          |          |             |
|                        |                           |               |           |          |          |          |          |          |          |          |             |
|                        |                           |               |           |          |          |          |          |          |          |          |             |
|                        |                           |               |           |          |          |          |          |          |          |          |             |
| 2                      |                           |               |           |          |          |          |          |          |          |          |             |

Duplicate columns 1-8  
from the previous card.

Module C R Format 0 4  
9 10 11 12

# CRASH RECONSTRUCTION CR-4

## NOTES:

1. ENTER CRASH RECONSTRUCTION DAMAGE MEASUREMENTS IN CENTIMETERS.
2. MEASURE  $C_1$  TO  $C_6$  FROM DRIVER TO PASSENGER SIDE IN FRONT OR REAR IMPACTS, REAR TO FRONT IN SIDE IMPACTS.
3.  $D$  IS POSITIVE IF MEASURED TO A POINT FORWARD OF OR TO THE RIGHT OF THE CG.
4. USE THE CENTER OF THE WHEELBASE AS THE CG.

OTHER VEHICLE

LOCATOR

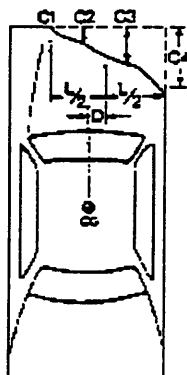
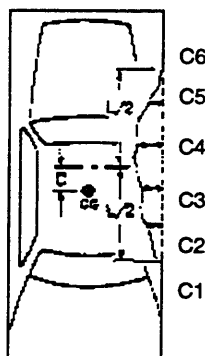
Locate the end of the damage with respect to the vehicle longitudinal center line, or an undamaged axle for side impacts.

| Specific Impact No. | Location of Direct Damage  | Location of Field L |
|---------------------|----------------------------|---------------------|
| 1                   | BEGINS AT LFBC 72 -CM      | BC. TO BC.          |
| 2                   | BEGINS 17 CM FORWARD OF LR |                     |

VEW = 145 AXLE  
WEIGHT W/OCC = 1144  
SIZE = 1  
STIFF = 9

## PLANE:

- (1) Bumper
- (2) Above Bumper
- (3) Sill
- (4) Above Sill
- (5) Other AVERAGE
- (9) Unknown



DL \_\_\_\_\_

UDL \_\_\_\_\_

## CRUSH PROFILE IN CENTIMETERS

NOTE: Each line in the table below is a separate record (card). Duplicate columns 1 - 12 for each completed line.

| Specific Impact Number | Plane of Impact C-Measur. | Direct Damage |           | Field L  | C <sub>1</sub> | C <sub>2</sub> | C <sub>3</sub> | C <sub>4</sub> | C <sub>5</sub> | C <sub>6</sub> | ±D          |
|------------------------|---------------------------|---------------|-----------|----------|----------------|----------------|----------------|----------------|----------------|----------------|-------------|
|                        |                           | Length (DDL)  | Max Crush |          |                |                |                |                |                |                |             |
| 1                      | 1                         | 72            | 25.5      | 137      | 25.5           | 13             | 7              | 5              | 5              | 11             | -345        |
| FREESPACE              |                           |               | 9         |          | 9              | 4              | 1              | 1              | 4              | 9              |             |
| TOTAL                  |                           |               | 16.5      |          | 16.5           | 9              | 6              | 4              | 1              | 2              |             |
| 1                      | 2                         | 72            | 70        |          | 73.5           | 70             | 54             | 36             | 24             | 33             |             |
| FREESPACE Bumper       |                           |               | 24        |          | 33             | 24             | 24             | 24             | 24             | 33             |             |
| TOTAL                  |                           |               | 54        |          | 40.5           | 54             | 30             | 12             | 0              | 0              |             |
| AVERAGE                |                           |               |           |          | 28.5           | 31.5           | 18             | 8              | .5             | 1              |             |
| 1                      | 5                         | 72            | 054       | 137      | 029            | 032            | 018            | 008            | 001            | 001            | -037        |
| 13                     | 14                        | 15 16 17      | 18 19 20  | 21 22 23 | 24 25 26       | 27 28 29       | 30 31 32       | 33 34 35       | 36 37 38       | 39 40 41       | 42 43 44 45 |
| 2                      |                           |               |           |          |                |                |                |                |                |                |             |

Duplicate columns 1-8  
from the previous card.

Module W T Format 0 1  
9 10 11 12

# WHEELS AND TIRES

WT-1

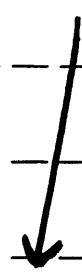
## WHEELS--DAMAGED

- (0) NO  
(1) YES  
(9) UNKNOWN

LF 1  
13  
RF 1  
RR 0  
LR 1  
16

SIZE (NOT DOT CODE. IF UNKNOWN, USE 9'S)

LF P22570R15  
25  
RF \_\_\_\_\_  
35  
RR \_\_\_\_\_  
45  
LR \_\_\_\_\_  
55



## TIRE TREAD TYPE

- (1) REGULAR  
(2) SNOW  
(3) SLICKS  
(4) ALL WEATHER (MS)  
(7) OTHER: \_\_\_\_\_  
(9) UNKNOWN

LF 4  
17  
RF 4  
RR 4  
LR 4  
20

## CARCASS CONSTRUCTION

- (1) BIAS  
(2) BELTED BIAS  
(3) RADIAL  
(4) ELLIPTICAL  
(5) HI PRESSURE SPARE  
(6) SPACE SAVER SPARE  
(7) OTHER: \_\_\_\_\_  
(9) UNKNOWN

LF 3  
21  
RF 3  
RR 3  
LR 3  
24

IF VEHICLE IS EQUIPPED WITH DUAL  
WHEELS, COMPLETE FOR OUTER WHEELS  
AND MAKE NOTES ON INNER WHEELS.

NOTES: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

Duplicate columns 1-8  
from the previous card.

Module F T Format 0 1  
9 10 11 12

# FUEL AND FUEL TANKS FT-1

|  |                     |   |                     |
|--|---------------------|---|---------------------|
| <b>TYPE OF PROPULSIVE FUEL</b><br>(1) GASOLINE<br>(2) DIESEL OIL<br>(3) LPG<br>(4) ELECTRIC<br>(7) OTHER: _____<br>(9) UNKNOWN | <u>1</u><br>13      | <b>AUXILIARY TANK TYPE</b><br>(1) OEM TANK<br>(2) AFTER MARKET TANK<br>(8) NOT APPLICABLE (NOT EQUIPPED)<br>(9) UNKNOWN | <u>8</u><br>21      |
| <b>MAIN TANK LOCATION</b>  | <u>322</u><br>14 16 | <b>AUXILIARY TANK LOCATION</b>  | <u>888</u><br>22 24 |
| <b>MAIN FILLER CAP LOCATION</b>  | <u>113</u><br>17 19 | <b>AUXILIARY FILLER CAP LOCATION</b>  | <u>888</u><br>25 27 |
| <b>MAIN TANK MATERIAL</b> <i>LR</i>  | <u>9</u><br>20      | <b>AUXILIARY TANK MATERIAL</b>  | <u>8</u><br>28      |

## TANK AND FILLER CAP LOCATION CODES

### FIRST DIGIT (LONGITUDINAL)

- (1) BEHIND KICK-UP
- (2) IN KICK-UP
- (3) BETWEEN KICK-UP & COWL
- (4) FORWARD OF COWL
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

### SECOND DIGIT (LATERAL)

- (1) LEFT OF FRAME
- (2) WITHIN FRAME OR CENTERED
- (3) RIGHT OF FRAME
- (4) DUAL, RIGHT & LEFT TANKS
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

### THIRD DIGIT (VERTICAL)

- (1) BELOW FRAME
- (2) WITHIN FRAME OR CENTERED
- (3) ABOVE FRAME
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

## TANK MATERIAL CODES

- (1) STEEL
- (2) ALUMINUM
- (3) PLASTIC
- (7) OTHER
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

Duplicate columns 1-8  
from the previous card.

Module F L Format 0 1  
9 10 11 12

FUEL LEAKAGE FL-1

# DID FUEL LEAKAGE RESULT FROM A CRASH EVENT

(0) NO KNOWN LEAKAGE SKIP PAGE.

(1) YES COMPLETE PAGE.

0  
13

| LEAK<br>NUMBER | I<br>LEAKING<br>COMPONENT        | II<br>COMPONENT<br>SOURCE | III<br>TYPE OF<br>DAMAGE | IV<br>SEVERITY<br>OF DAMAGE | V<br>LOCATION<br>OF LEAK | EVENT<br>NUMBER   |
|----------------|----------------------------------|---------------------------|--------------------------|-----------------------------|--------------------------|-------------------|
| #1             | <u>    </u> <u>    </u><br>14 15 | <u>    </u>               | <u>    </u>              | <u>    </u>                 | <u>    </u> <u>    </u>  | <u>    </u><br>21 |
| #2             | <u>    </u> <u>    </u><br>22 23 | <u>    </u>               | <u>    </u>              | <u>    </u>                 | <u>    </u> <u>    </u>  | <u>    </u><br>29 |
| #3             | <u>    </u> <u>    </u><br>30 31 | <u>    </u>               | <u>    </u>              | <u>    </u>                 | <u>    </u> <u>    </u>  | <u>    </u><br>37 |
| #4             | <u>    </u> <u>    </u><br>38 39 | <u>    </u>               | <u>    </u>              | <u>    </u>                 | <u>    </u> <u>    </u>  | <u>    </u><br>45 |
| #5             | <u>    </u> <u>    </u><br>46 47 | <u>    </u>               | <u>    </u>              | <u>    </u>                 | <u>    </u> <u>    </u>  | <u>    </u><br>53 |

## I LEAKING COMPONENT

### TANK AREA

- (11) MAIN FUEL TANK (INCLUDING VAPOR RECOVERY DOME)
- (12) AUXILIARY FUEL TANK
- (13) MAIN TANK FILLER TUBE
- (14) MAIN TANK CAP (GAS CAP)
- (15) AUXILIARY TANK FILLER TUBE
- (16) AUXILIARY TANK CAP (GAS CAP)
- (19) TANK AREA, DETAILS UNKNOWN

### DELIVERY SYSTEM

- (21) FUEL FEED LINE (MAIN TANK TO FUEL PUMP)
- (22) FUEL FEED LINE (AUXILIARY TANK TO FUEL PUMP)
- (23) FUEL RETURN LINE (FUEL PUMP TO TANK)
- (24) INLINE FUEL FILTER
- (25) FUEL LINE (PUMP TO CARBURETOR OR INJECTOR PUMP)
- (26) CARBURETOR TO INJECTOR PUMP
- (27) FUEL PUMP
- (29) DELIVERY SYSTEM, DETAILS UNKNOWN

### EVAPORATIVE EMISSION CONTROL SYSTEM

- (31) ATMOSPHERIC VENT PIPE (NON-EEC EQUIPPED)
- (32) EEC PIPE (VAPOR CANISTER TO CARBURETOR)

### EEC SYSTEM (CONTINUED)

- (33) VAPOR RECOVERY HOSES (CANISTER TO CARBURETOR)
- (34) LIQUID-VAPOR SEPARATOR (UNLESS PART OF TANK)
- (35) CANISTER
- (39) EEC SYSTEM, DETAILS UNKNOWN
- (49) ENGINE COMPARTMENT, COMPONENT UNKNOWN
- (99) COMPONENT UNKNOWN

## II COMPONENT SOURCE

- (1) OEM
- (2) AFTER MARKET
- (9) UNKNOWN

## III TYPE OF DAMAGE

- (1) DENTED/CRUSHED
- (2) PUNCTURED
- (3) RUPTURED
- (4) SEVERED/GROSS TEARS
- (5) DISCONNECTED/DEFEATED
- (9) UNKNOWN

## IV SEVERITY OF DAMAGE

- (1) MINOR
- (2) MODERATE
- (3) SEVERE
- (4) DISCONNECTED/DEFEATED
- (9) UNKNOWN

## V LOCATION OF LEAK

FIRST DIGIT  
(LONGITUDINAL LOCATION)

- (1) F, FORWARD OF COWL
- (2) P, BETWEEN COWL & REAR BULKHEAD
- (3) B, BEHIND REAR BULKHEAD
- (4) Y, F, & P
- (5) Z, P, & B
- (6) D, DISTRIBUTED (F, P & B)
- (9) UNKNOWN

SECOND DIGIT  
(LATERAL LOCATION)

- (1) L, LEFT
- (2) C, CENTER
- (3) R, RIGHT
- (4) Y, LEFT CENTER (L & C)
- (5) Z, RIGHT CENTER (R & C)
- (6) D, DISTRIBUTED (F, P & B)
- (9) UNKNOWN

Duplicate columns 1-8  
from the previous card.

Module F R Format 0 1  
9 10 11 12

FIRE FR-1

WAS THERE FIRE IN OR ON CASE VEHICLE?

(0) NO SKIP PAGE.

(1) YES COMPLETE PAGE.

0  
13

DID FIRE START IN CASE VEHICLE?

- (0) NO  
(1) YES  
(9) UNKNOWN

      
14

SEVERITY OF FIRE DAMAGE

- (1) MINOR  
(2) MODERATE  
(3) SEVERE  
(9) UNKNOWN

      
16

FLAME PROPOGATION RATE

- (1) RAPID/EXPLOSIVE  
(2) SLOW/MODERATE  
(9) UNKNOWN

      
15

DID AN INJURY TO CASE  
VEHICLE OCCUPANT RESULT FROM  
FIRE IN OR ON CASE VEHICLE?

- (0) NO  
(1) YES  
(9) UNKNOWN

      
17

PROVIDE NOTES IF FIRE OCCURRED.



Duplicate columns 1-8  
from the previous card.

Module E D Format 0 1  
9 10 11 12

# EXTERIOR DAMAGE

ED-1

## HOOD PERFORMANCE

FOR THE FOLLOWING, USE CODES:

- (0) NO
- (1) YES
- (8) NOT APPLICABLE
- (9) UNKNOWN

HOOD LATCH(ES)- -RELEASED

0  
13

-DAMAGED

0  
14

-JAMMED

8  
15

HOOD HINGES- -LEFT, DAMAGED

1  
16

-LEFT, SEPARATED  
(COMPLETE)

0  
17

-RIGHT, DAMAGED

1  
18

-RIGHT, SEPARATED  
(COMPLETE)

0  
19

HOOD REMAINED ON VEHICLE

1  
20

REAR EDGE OF HOOD- -ELEVATED

1  
21

-CONTACTED WINDSHIELD

0  
22

-PENETRATED WINDSHIELD

8  
23

HOOD LATCH LOCATION

- (1) FRONT OF VEHICLE
- (2) COWL AREA
- (3) SIDE
- (8) NOT APPLICABLE
- (9) UNKNOWN

1  
24

## ENGINE OR TRANSMISSION MOUNT

SEPARATION (COMPLETE)

- (0) NO
- (1) YES
- (9) UNKNOWN

0  
25

## STEERING COL FLEXIBLE COUPLING

FLEXIBLE COUPLING TYPE

- (0) NONE
- (1) FLEXIBLE MATERIAL
- (2) POT
- (3) SINGLE U-JOINT
- (4) DOUBLE U-JOINT
- (5) FLEXIBLE CABLE
- (6) COMBINATION OF ABOVE  
(CIRCLE EACH)
- (7) OTHER: \_\_\_\_\_
- (8) EQUIPPED, TYPE UNKNOWN
- (9) UNKNOWN, IF EQUIPPED

9  
26

COUPLING-

-DAMAGED

9  
27

(USE CODES  
FROM HOOD  
PERFORMANCE)

-SEPARATED  
(COMPLETE)

9  
28

## ENG COMPART TELESCOPING UNIT

TYPE OF UNIT

- (00) NONE INSTALLED
- (01) - (07) SEE UNITS ON PAGE ED-2
- (88) NOT COLLECTED
- (97) OTHER: \_\_\_\_\_
- (98) EQUIPPED, TYPE UNKNOWN
- (99) UNKNOWN IF EQUIPPED

8 8  
29 30

ORIGINAL LENGTH (mm)

F (OR H): \_\_\_\_\_

TELESCOPED LENGTH (mm)

G: \_\_\_\_\_

DIFFERENCE (mm)

F (OR H) - G

(IF LESS THAN 15mm, ENTER "000".)

- (888) NOT COLLECTED
- (991) NOT MEASURED/NO  
COMPRESSION
- (992) COMPRESSED, AMOUNT  
UNKNOWN
- (993) DEVICE EXTENDED
- (997) UNABLE TO BE MEASURED
- (998) NOT APPLICABLE (NOT  
EQUIPPED)
- (999) UNKNOWN

8 8 8  
31 33

## LEFT-SIDE BODY MOUNT

DID BODY MOUNT SEPARATE?

- (0) NO  
 (1) YES  
 (8) NOT APPLICABLE  
 (9) UNKNOWN

8  
 34

## LEFT DOORS

HOW DID DOORS  
OPEN DURING COLLISION?

USE CODES:

(0) DOOR DID NOT OPEN

OPENED BECAUSE OF

- (1) HINGE AREA SEPARATION  
 (2) DOOR-LATCH SEPARATION  
 (3) LATCH-STRIKER SEPARATION  
 (4) STRIKER-PILLAR SEPARATION  
 (5) BODY DISTORTION  
 (6) COMBINATION OF ABOVE  
 (CIRCLE EACH)  
 (7) OPENED, REASON UNKNOWN

- (8) NOT APPLICABLE (NO DOOR)  
 (9) UNKNOWN

-FRONT

0  
 43

-REAR

8  
 44

DOORS JAMMED CLOSED-

USE CODES:

- (0) NO  
 (1) YES  
 (8) NOT APPLICABLE (NO DOOR)  
 (9) UNKNOWN

-FRONT

1  
 45

-REAR

8  
 46

## LEFT PILLARS

PILLARS SEPARATED COMPLETELY -

USE CODES:

- (0) NO  
 (1) YES  
 (4) NO SEPARATION, BUT DAMAGED  
 (8) NOT APPLICABLE (NOT EQUIPPED)  
 (9) UNKNOWN

-A-PILLAR, UPPER

0  
 35

LOWER

0  
 36

-B-PILLAR, UPPER

4  
 37

LOWER

0  
 38

-C-PILLAR, UPPER

8  
 39

LOWER

8  
 40

-D-PILLAR, UPPER

8  
 41

LOWER

8  
 42

## REAR DOOR

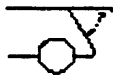
## REAR DOOR TYPE

- (0) NO DOOR (INCLUDES PICKUPS)
- (1) HATCHBACK
- (2) ONE-WAY TAILGATE
- (3) TWO-WAY TAILGATE
- (4) CLAMSHELL/DISAPPEARING TAILGATE
- (5) SINGLE DOOR
- (6) DOUBLE DOOR
- (9) UNKNOWN

Hatchback



One-way



Two-way



or



Clamshell



Single door



Double door

HOW DID DOOR  
OPEN DURING COLLISION?

- (0) DOOR DID NOT OPEN

## OPENED BECAUSE OF

- (1) HINGE AREA SEPARATION
- (2) DOOR-LATCH SEPARATION
- (3) LATCH-STRIKER SEPARATION
- (4) STRIKER-PILLAR SEPARATION
- (5) BODY DISTORTION
- (6) COMBINATION OF ABOVE  
(CIRCLE EACH)
- (7) OPENED, REASON UNKNOWN
- (8) NOT APPLICABLE (NO DOOR)
- (9) UNKNOWN

## DOOR JAMMED CLOSED

- (0) NO
- (1) YES
- (8) NOT APPLICABLE (NO DOOR)
- (9) UNKNOWN

0  
47

## OTHER REAR DAMAGE

WAS PARTITION TO LUGGAGE AREA  
DAMAGED DURING COLLISION?

- (0) NO
- (1) YES
- (8) NOT APPLICABLE
- (9) UNKNOWN

8  
50

## SPARE TIRE

- (0) NO SPARE TIRE
- (1) NOT ATTACHED BEFORE COLLISION
- (2) ATTACHED, NOT SEPARATED IN COLLISION
- (3) ATTACHED, SEPARATED DUE TO COLLISION
- (8) NOT COLLECTED
- (9) UNKNOWN

8  
51

## TRAILER HITCH TYPE

- (0) NO HITCH

## BALL-AND-SOCKET TYPES

- (1) TEMPORARY FRAMEWORK (E.G. RENTAL CLAMP-ON)
- (2) BUMPER-MOUNT ONLY (E.G. LIGHT TRUCK)
- (3) BUMPER-AND-FRAME (BUT NON-EQUALIZING)
- (4) LOAD EQUALIZING

## OTHER TYPES

- (5) RING-AND-PINTLE
- (6) FIFTH-WHEEL (INCL. P/U)
- (7) OTHER (E.G. CLEVIS-AND-PIN)

- (8) EQUIPPED, TYPE UNKNOWN
- (9) UNKNOWN IF EQUIPPED

0  
52

TRAILER TYPE  
(AT TIME OF COLLISION)

- (0) NO TRAILER
- (1) TRAVEL-TRAILER/CAMPER
- (2) MOBILE HOME
- (3) BOAT/SNOWMOBILE/ATV TRAILER
- (4) UTILITY TRAILER
- (5) TOWED CAR
- (7) OTHER: \_\_\_\_\_
- (8) TRAILER, TYPE UNKNOWN
- (9) UNKNOWN

0  
53

8  
48

8  
49

## RIGHT-SIDE BODY MOUNT

DID BODY MOUNT SEPARATE?

- (0) NO  
 (1) YES  
 (8) NOT APPLICABLE  
 (9) UNKNOWN

8  
 54

## RIGHT DOORS

HOW DID DOORS  
OPEN DURING COLLISION?

USE CODES:

(00) DOOR DID NOT OPEN

OPENED BECAUSE OF

- (01) HINGE AREA SEPARATION  
 (02) DOOR-LATCH SEPARATION  
 (03) LATCH-STRIKER SEPARATION  
 (04) STRIKER-PILLAR SEPARATION  
 (05) BODY DISTORTION  
 (06) COMBINATION OF ABOVE  
 (CIRCLE EACH)  
 (07) OPENED, REASON UNKNOWN  
 (11) VAN RIGHT-REAR DOOR OPENED  
 (ANY MECHANISM)

- (98) NOT APPLICABLE (NO DOOR)  
 (99) UNKNOWN

-FRONT

00  
 63 64

-REAR

98  
 65 66

## RIGHT PILLARS

PILLARS SEPARATED COMPLETELY -

USE CODES:

- (0) NO  
 (1) YES  
 (4) NO SEPARATION, BUT DAMAGED  
 (8) NOT APPLICABLE (NOT EQUIPPED)  
 (9) UNKNOWN

-A-PILLAR, UPPER

4  
 55

LOWER

4  
 56

-B-PILLAR, UPPER

4  
 57

LOWER

4  
 58

-C-PILLAR, UPPER

8  
 59

LOWER

8  
 60

-D-PILLAR, UPPER

8  
 61

LOWER

8  
 62

## DOORS JAMMED CLOSED-

USE CODES:

- (0) NO  
 (1) YES  
 (8) NOT APPLICABLE (NO DOOR)  
 (9) UNKNOWN

-FRONT

1  
 67

-REAR

8  
 68

## VAN REAR DOOR TYPE

- (0) VAN, NO REAR DOOR  
 (1) TRACK (SLIDING) - RIGHT SIDE  
 (2) SINGLE-HINGED - RIGHT SIDE  
 (3) DOUBLE-HINGED - RIGHT SIDE  
 (4) TRACK (SLIDING) - RIGHT & LEFT SIDE  
 (5) SINGLE-HINGED - RIGHT & LEFT SIDE  
 (6) DOUBLE-HINGED - RIGHT & LEFT SIDE  
 (7) TRACK AND HINGED COMBINATION  
 (8) NOT APPLICABLE (NOT A VAN)  
 (9) UNKNOWN

8  
 69

## WINDSHIELD DAMAGE

## WINDSHIELD CRACKED

- (0) NO  
(1) YES  
(8) NOT APPLICABLE  
(9) UNKNOWN

WINDSHIELD BROKEN  
(PLASTIC INTERLAYER TORN)

- (0) NO  
(1) YES  
(8) NOT APPLICABLE  
(9) UNKNOWN

CRACKED OR BROKEN  
BY OCCUPANT CONTACT

- (0) NO  
(1) YES  
(8) NOT APPLICABLE  
(9) UNKNOWN

## EXTENT OF BOND SEPARATION

- (0) NONE  
(1) 1 - 20%  
(2) 21 - 40  
(3) 41 - 60  
(4) 61 - 80  
(5) 81 - 99  
(6) TOTAL  
(7) SEPARATED, AMOUNT  
UNKNOWN  
(8) NOT APPLICABLE  
(9) UNKNOWN

## WINDSHIELD MARK ON CASE VEHICLE:

SOLAR TINT  
Carlite  
Ⓛ LAMINATED Ⓜ  
SUN-GLASS

## WINDSHIELD CODE

- (97) DESCRIBED BUT NOT CODED  
(98) NOT APPLICABLE (NO WINDSHIELD)  
(99) UNKNOWN

97  
74 75

## ROOF

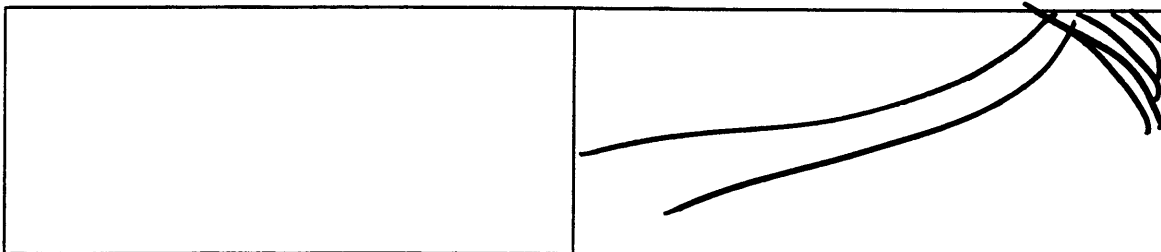
DID T-ROOF/SUN ROOF OPEN  
DURING COLLISION?

- (0) NO  
(1) YES  
(8) NOT APPLICABLE  
(NOT A T-ROOF OR SUN ROOF)  
(9) UNKNOWN

8  
76

LOCATE AREA OF WINDSHIELD INTEREST OR DAMAGE WITH DIMENSIONS (VERTICAL & HORIZONTAL) ON THIS DIAGRAM OF THE WINDSHIELD AS VIEWED FROM INSIDE.

ROLLOVER  
ROOF AND  
PILLAR DAMAGE



L

C

R

## STEERING WHEEL

### STEERING WHEEL RIM DAMAGE

- (0) NONE
- (1) DEFORMED SLIGHTLY
- (2) SEVERELY BENT
- (3) BROKEN
- (9) UNKNOWN

0  
13

### NUMBER OF STEERING WHEEL SPOKES

- (9) UNKNOWN

4  
14

### STEERING WHL SPOKE DAMAGE

- (0) NONE
- (1) DEFORMED SLIGHTLY
- (2) SEVERELY BENT
- (3) BROKEN
- (9) UNKNOWN

0  
15

### STEERING WHEEL POSITION AT TIME OF COLLISION

IN WHAT O'CLOCK POSITION WAS THE  
NORMAL TOP OF THE WHEEL POINTED  
WHEN THE COLLISION OCCURRED?

#### EXAMPLES

O'CLOCK = 1 2

O'CLOCK = 0 2



(NORMAL STRAIGHT  
AHEAD)



O'CLOCK = 99

(99) UNKNOWN

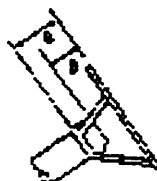
## STEERING WHEEL ENERGY ABSORBING DEVICE

#### (1) EXAMPLES:



BARRACUDA, 70 - 74  
CHALLENGER, 70 - 74  
CAPRI, 71 - 77

#### (2) EXAMPLES:



OMNI, 78 -  
HORIZON, 78 -

## STEERING COLUMN OPTIONS

### TILT FEATURE

- (0) NOT EQUIPPED
- (1) YES, EQUIPPED, UNK POSITION
- (2) UP
- (3) MIDDLE
- (4) LOWER
- (9) UNKNOWN IF EQUIPPED

3  
16

### SWING-AWAY FEATURE

- (0) NOT EQUIPPED
- (1) YES, EQUIPPED
- (9) UNKNOWN IF EQUIPPED

0  
17

### TELESCOPING FEATURE

- (0) NOT EQUIPPED
- (1) YES, EQUIPPED
- (9) UNKNOWN IF EQUIPPED

0  
18

### TYPE OF DEVICE

- (0) NONE
- (1) CONVOLUTED OR MESH CYLINDER
- (2) DEEP DISH STEERING WHEEL
- (7) OTHER: \_\_\_\_\_
- (8) NOT COLLECTED
- (9) UNKNOWN IF EQUIPPED

8  
19

### ORIGINAL DIMENSION (mm)

A: \_\_\_\_\_

### DAMAGE DIMENSION (mm)

B: \_\_\_\_\_

### DIFFERENCE (mm)

A - B

- (888) NOT COLLECTED
- (991) NOT MEASURED/NO APPARENT COMPRESSION
- (992) COMPRESSED, AMOUNT UNKNOWN
- (993) DEVICE EXTENDED
- (997) UNABLE TO MEASURE
- (998) NOT APPLICABLE (NOT EQUIPPED)
- (999) UNKNOWN

8 8 8  
20 22

# STEERING COLUMN ENERGY ABSORBING DEVICE

TYPE OF DEVICE \* (IF 27 OR 28)

- (00) NOT EQUIPPED  
(88) NOT COLLECTED  
(99) UNKNOWN

8 8  
23 24

ORIGINAL LENGTH (mm)

C: \_\_\_\_\_

COMPRESSED LENGTH (mm)

D: \_\_\_\_\_

BRACKET DEFLECTION (IF CODE 36, 48,  
OR 49 ABOVE)

OR

COMPRESSION (OR EXTRUSION) (mm)

C - D (OR E) (TOLERANCE:  $\pm 10$ )

- (888) NOT COLLECTED  
(991) NOT MEASURED/NO APPARENT  
COMPRESSION  
(992) COMPRESSED, AMOUNT UNKNOWN  
(993) DEVICE EXTENDED  
(997) UNABLE TO BE MEASURED  
(998) NOT APPLICABLE (NOT EQUIPPED)  
(999) UNKNOWN

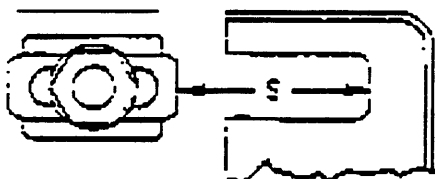
8 8 8  
25 26 27

\* (ADD A &amp; B FOR TOTAL COMPRESSION)

SHEAR CAPSULE SEPARATION (mm)

S (USE AVG. OF LEFT &amp; RIGHT CAPSULES.)

LT:



RT:

- (888) NOT COLLECTED  
(991) NOT MEASURED/NO APPARENT  
SEPARATION  
(992) SEPARATED, AMOUNT UNKNOWN  
(997) UNABLE TO BE MEASURED  
(998) NOT APPLICABLE (NOT EQUIPPED)  
(999) UNKNOWN

8 8 8  
28 29 30

COLUMN VERTICAL ROTATION

- (0) NO APPARENT ROTATION  
(1) UPWARD APPARENT ROTATION  
(2) DOWNWARD APPARENT ROTATION  
(9) UNKNOWN

0  
31

COLUMN LATERAL ROTATION

- (0) NO APPARENT ROTATION  
(1) LEFT APPARENT ROTATION  
(2) RIGHT APPARENT ROTATION  
(9) UNKNOWN

0  
32

## STEERING WHEEL (CONTINUED)

STEERING WHEEL HUB DAMAGE

- (0) NONE  
(1) OCCUPANT CONTACT  
(2) AIRBAG  
(3) OTHER \_\_\_\_\_  
(9) UNKNOWN

0  
33





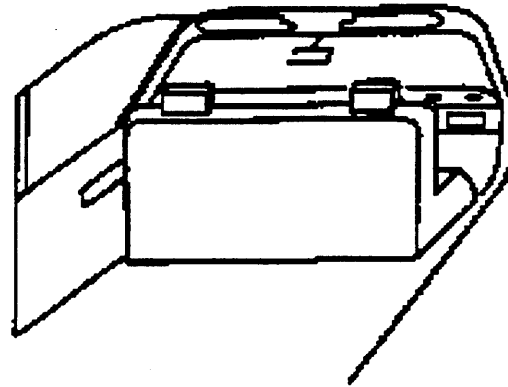
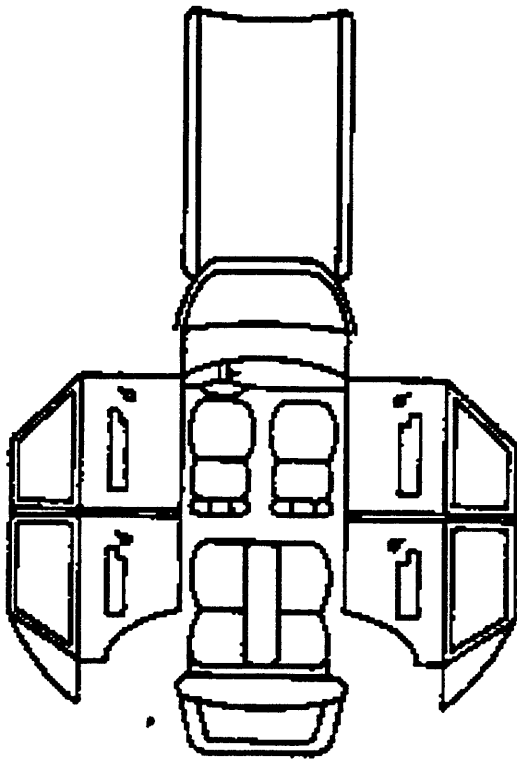
## INTRUSION IT-1


| Location of Intrusion | Intruded Component | (All Measurements Are in Centimeters) |                  |   |           | Dominant Crush Direction |
|-----------------------|--------------------|---------------------------------------|------------------|---|-----------|--------------------------|
|                       |                    | Comparison Value                      | — Intruded Value | = | Intrusion |                          |
| 13                    | ROOF               |                                       | —                | = | 13        | DOWN                     |
| 13                    | A-PILLAR           |                                       | —                | = | 13        | DOWN                     |
| 13                    | WIND               |                                       | —                | = | 10        | DOWN                     |
|                       |                    |                                       | —                | = |           |                          |
|                       |                    |                                       | —                | = |           |                          |
|                       |                    |                                       | —                | = |           |                          |
|                       |                    |                                       | —                | = |           |                          |
|                       |                    |                                       | —                | = |           |                          |
|                       |                    |                                       | —                | = |           |                          |
|                       |                    |                                       | —                | = |           |                          |
|                       |                    |                                       | —                | = |           |                          |
|                       |                    |                                       | —                | = |           |                          |
|                       |                    |                                       | —                | = |           |                          |
|                       |                    |                                       | —                | = |           |                          |
|                       |                    |                                       | —                | = |           |                          |
|                       |                    |                                       | —                | = |           |                          |
|                       |                    |                                       | —                | = |           |                          |
|                       |                    |                                       | —                | = |           |                          |
|                       |                    |                                       | —                | = |           |                          |
|                       |                    |                                       | —                | = |           |                          |

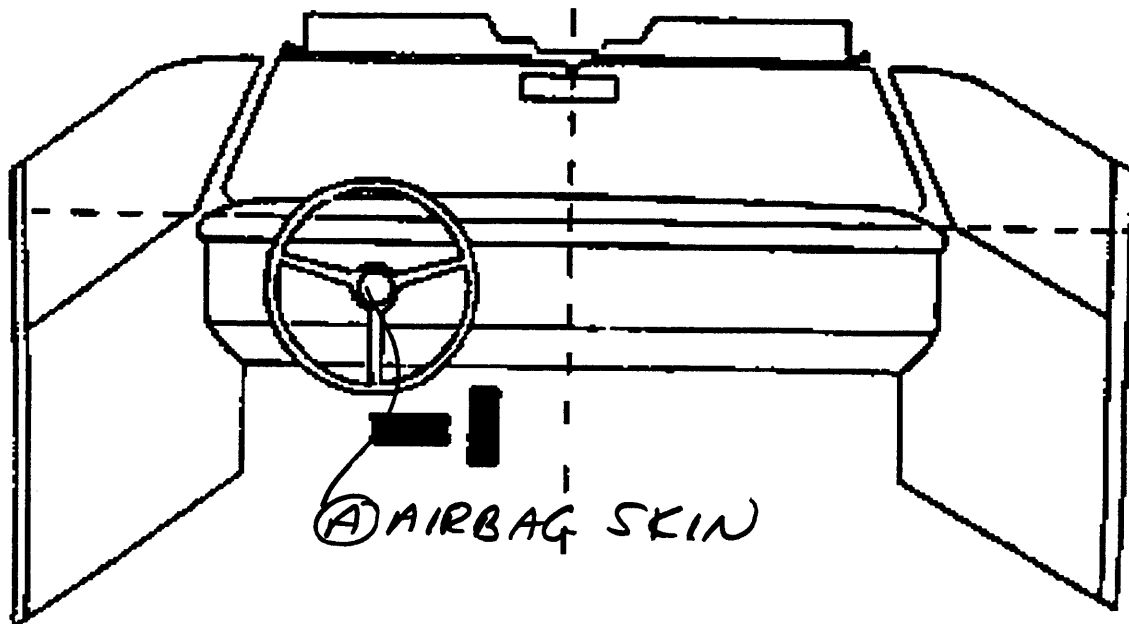
## OCCUPANT CONTACT WORKSHEET

| Contact | Interior Component Contacted | Occupant No. if Known | Body Region if Known | Supporting Physical Evidence | Confidence Level of Contact Point |
|---------|------------------------------|-----------------------|----------------------|------------------------------|-----------------------------------|
| A       | AIRBAG                       | 1                     | FACE                 | MAKEUP                       | 1                                 |
| B       |                              |                       |                      |                              |                                   |
| C       |                              |                       |                      |                              |                                   |
| D       |                              |                       |                      |                              |                                   |
| E       |                              |                       |                      |                              |                                   |
| F       |                              |                       |                      |                              |                                   |
| G       |                              |                       |                      |                              |                                   |
| H       |                              |                       |                      |                              |                                   |
| I       |                              |                       |                      |                              |                                   |
| J       |                              |                       |                      |                              |                                   |

## VEHICLE OCCUPANT CONTACT DIAGRAM



 = MARKS/STREAKS  
ON SHOULDER-BELT  
WEBBING



Ⓐ AIRBAG SKIN

## CODES FOR COLUMN B, OCCUPANT SPACE NUMBER

OCCUPANT SPACE NUMBER IS A TWO-DIGIT CODE. THE USE OF THE CODE IS DETERMINED BY THE VEHICLE SEAT CONFIGURATION AT THE TIME OF THE ACCIDENT.

## FIRST DIGIT

THE FIRST DIGIT (LEFT DIGIT) DENOTES THE SEAT ROW, WITH CODE VALUES FROM 1 TO 5.

## SECOND DIGIT

THE SECOND DIGIT (RIGHT DIGIT) DENOTES THE POSITION ON THE SEAT AND, IN SOME INSTANCES, THE WIDTH OF THE SEAT.

- |                          |                 |                         |   |
|--------------------------|-----------------|-------------------------|---|
| (1) LEFT                 | (3) RIGHT       | .....                   | INDIVIDUAL SEAT                               |
| (1) LEFT                 | (2) CENTER      | (3) RIGHT               | ..... BENCH: FULL WIDTH 3 PASSENGER           |
| (1) LEFT                 | (2) LEFT CENTER | (6) RIGHT CENTER        | (3) RIGHT ..... BENCH: FULL WIDTH 4 PASSENGER |
| (1) LEFT                 | (2) CENTER      | (5) RIGHT & AISLE SPACE | ..... BENCH: PARTIAL WIDTH, LEFT              |
| (0) LEFT & SPACE         | (2) CENTER      | (5) RIGHT & SPACE       | ..... BENCH: PARTIAL WIDTH, CENTERED          |
| (4) ENTIRE VEHICLE WIDTH | .....           | CARGO AREA              |   |

## EXAMPLES

THE TWO FIGURES BELOW PROVIDE EXAMPLES OF THE OCCUPANT SPACE NUMBER.

PASSENGER CAR  
5 PASSENGERS

|   |   |    |          |
|---|---|----|----------|
| X | X | 11 | 13       |
| X | X | X  | 21 22 23 |

VAN  
12 PASSENGER CAPACITY

|   |   |    |               |
|---|---|----|---------------|
| X | X | 11 | 13            |
| X | X | X  | 21 22 25      |
| X | X | X  | 31 32 35      |
| X | X | X  | X 41 42 46 43 |

## CODES FOR COLUMN F, MEASUREMENT AXIS

- (X) X-AXIS (FORE & AFT)  
(Y) Y-AXIS (LATERAL)  
(Z) Z-AXIS (VERTICAL)

## CODES FOR COLUMNS G, H, I &amp; J, OCCUPANT &amp; INJURY NUMBERS

| OCCUPANT<br>NUMBER | INJURY<br>NUMBER | CONTACT                                   |
|--------------------|------------------|---|
| (00)               | (00)             | NO CONTACT                                |
| (##)               | (00)             | CONTACT, NO INJURY                        |
| (97)               | (99)             | CONTACT, OCCUPANT UNKNOWN, INJURY UNKNOWN |
| (99)               | (00) OR (99)     | UNKNOWN IF CONTACT                        |



## CODES FOR COLUMN C, INTRUDING COMPONENT OR OBJECT

NOTE: DO NOT CODE OBJECTS OTHER THAN COMPONENTS OF CASE VEHICLE.

## INDIVIDUAL COMPONENT

## INTERNAL

- (01) INSTRUMENT PANEL
- (02) FIRE WALL
- (03) TOE PAN
- (04) FLOOR PAN
- (05) STEERING COLUMN
- (06) WINDSHIELD
- (07) WINDSHIELD HEADER
- (08) A-PILLAR
- (09) DOOR PANEL OR SIDE PANEL
- (10) WINDOW FRAME
- (11) B-PILLAR
- (12) C-PILLAR
- (13) D-PILLAR
- (14) ROOF SIDE RAILS
- (15) ROOF OR CONVERTIBLE TOP
- (16) BACKLIGHT HEADER
- (17) FRONT SEAT-BACK SURFACE/  
SEAT-BACK BACK SURFACE
- (18) SECOND SEAT-BACK SURFACE  
SEAT-BACK BACK SURFACE
- (19) THIRD SEAT-BACK SURFACE  
SEAT-BACK BACK SURFACE
- (20) FOURTH SEAT-BACK SURFACE  
SEAT-BACK BACK SURFACE
- (21) FIFTH SEAT-BACK SURFACE  
SEAT-BACK BACK SURFACE
- (22) BACK PANEL/BACK DOOR SURFACE
- (23) SEAT CUSHION SURFACE/EDGE
- (24) CONSOLE
- (25) OTHER (DESCRIBE)
- (26) UNKNOWN INTERNAL SURFACES
- (28) TRANSMISSION TUNNEL (HUMP)
- (29) SIDE FOOTWELL PANEL (KICKPANEL)
- (30) SILL

## EXTERNAL

- (43) HOOD
- (44) OBJECT EXTERNAL TO PASSENGER  
COMPARTMENT BUT PART  
OF CASE VEHICLE
- (45) OUTSIDE SURFACE OF CASE VEHICLE
- (46) OTHER (E.G. SPARE TIRE,  
JACK. DESCRIBE.)
- (49) UNKNOWN EXTERNAL OBJECT

## GROUPED FOR MASSIVE INTRUSION INTO AN OCCUPANT SPACE

USE ONLY IF ALL THESE COMPONENTS  
INTRUDED INTO A SINGLE OCCUPANT SPACE.

- |                        |                         |
|------------------------|-------------------------|
| (50) WINDSHIELD HEADER | (60) ROOF               |
| A-PILLAR               | ROOF RAIL               |
| ROOF SIDE RAIL         | A-PILLAR                |
|                        | B-PILLAR                |
| (51) INSTRUMENT PANEL  | C-PILLAR                |
| A-PILLAR               | WINDOW FRAME            |
| DOOR PANEL             | DOOR PANEL              |
|                        | FLOOR PAN               |
| (52) INSTRUMENT PANEL  | (61) INSTRUMENT PANEL   |
| A-PILLAR               | TOE PAN                 |
| WINDSHIELD HEADER      | WINDSHIELD HEADER       |
|                        | A-PILLAR                |
| (53) DOOR PANEL        | ROOF RAIL               |
| B-PILLAR               | WINDOW FRAME            |
| ROOF RAIL              | DOOR PANEL              |
|                        | ROOF                    |
| (54) DOOR PANEL        | (62) ROOF               |
| A-PILLAR               | ROOF RAIL               |
| ROOF RAIL              | C-PILLAR                |
|                        | WINDOW FRAME            |
| (55) INSTRUMENT PANEL  | FLOOR PAN               |
| FLOOR PAN              | SECOND SEAT             |
| A-PILLAR               | DOOR PANEL              |
| DOOR FRAME             |                         |
| (56) ROOF RAIL         | (63) ROOF RAIL          |
| A-PILLAR               | ROOF                    |
| B-PILLAR               | B-PILLAR                |
| WINDOW FRAME           | WINDOW FRAME            |
|                        | FLOOR PAN               |
| (57) ROOF RAIL         | DOOR PANEL              |
| A-PILLAR               | SECOND SEAT             |
| B-PILLAR               | FRONT SEAT              |
| C-PILLAR               |                         |
| DOOR PANEL             | (64) ROOF RAIL          |
|                        | ROOF OR CONVERTIBLE TOP |
| (58) ROOF              | A-PILLAR                |
| ROOF RAIL              | B-PILLAR                |
| WINDOW FRAME           | WINDOW FRAME            |
| DOOR PANEL             | WINDOW HEADER           |
| (59) BACKLIGHT HEADER  | (65) WINDSHIELD         |
| ROOF                   | WINDSHIELD HEADER       |
| C-PILLAR               | ROOF SIDE RAIL          |
| THIRD SEAT-BACK        |                         |
|                        | (66) WINDSHIELD         |
|                        | WINDSHIELD HEADER       |
|                        | A-PILLAR                |
|                        | (98) NOT APPLICABLE     |
|                        | (99) UNKNOWN            |

Duplicate columns 1-8  
from the previous card.

Module 1 1 Format 0 1  
9 10 11 12

INTRUSION IT-5

WAS THERE OCCUPANT COMPARTMENT INTRUSION? 1  
13

WAS INTRUSION CATASTROPHIC? 0  
14

- (0) NO DO NOT ANSWER NEXT QUESTION. SKIP PAGE.  
(1) YES ANSWER NEXT QUESTION.  
(9) UNKNOWN SKIP PAGE.

- (0) NO COMPLETE PAGE.  
(1) YES SKIP PAGE.

Duplicate columns 1-8  
from the previous card.

Module 1 1 Format 0 2  
9 10 11 12

NOTE: Each line in the table below is a separate record (card). Duplicate columns 1 - 12 for each completed line.

**INTRUSIONS** CODE INTRUSIONS IN THIS ORDER: LEFT TO RIGHT ON ROW; FRONT TO BACK IN VEHICLES.  
CODES FOR B, F, G, H, I, J ON PAGE IT-3  
CODES FOR C ON PAGE IT-4

OCCUPANT CONTACT AND INJURY

| A                   | B                 | C                                   | D                      | E                                   | F                                   | G                                   | H                  | I                | J                  | K                |
|---------------------|-------------------|-------------------------------------|------------------------|-------------------------------------|-------------------------------------|-------------------------------------|--------------------|------------------|--------------------|------------------|
| INTRUSION<br>NUMBER | OCC.<br>SPACE NO. | INTRUDING<br>COMPONENT<br>OR OBJECT | ASSOC.<br>EVENT<br>NO. | MAXIMUM<br>INTRUSION<br>X AXIS (cm) | MAXIMUM<br>INTRUSION<br>Y AXIS (cm) | MAXIMUM<br>INTRUSION<br>Z AXIS (cm) | OCCUPANT<br>NUMBER | INJURY<br>NUMBER | OCCUPANT<br>NUMBER | INJURY<br>NUMBER |
| 13-14               | 15-16             | 17-18                               | 19                     | 20-21                               | 22-23                               | 24-25                               | 26-27              | 28-29            | 30-31              | 32-33            |
| <u>0 1</u>          | <u>13</u>         | <u>15</u>                           | <u>2</u>               | <u>00</u>                           | <u>00</u>                           | <u>13</u>                           | <u>00</u>          | <u>00</u>        | <u>00</u>          | <u>00</u>        |
| <u>0 2</u>          | <u>13</u>         | <u>08</u>                           | <u>2</u>               | <u>00</u>                           | <u>00</u>                           | <u>13</u>                           | <u>00</u>          | <u>00</u>        | <u>00</u>          | <u>00</u>        |
| <u>0 3</u>          | <u>13</u>         | <u>07</u>                           | <u>2</u>               | <u>00</u>                           | <u>00</u>                           | <u>10</u>                           | <u>00</u>          | <u>00</u>        | <u>00</u>          | <u>00</u>        |
| <u>0 4</u>          | ---               | ---                                 | ---                    | ---                                 | ---                                 | ---                                 | ---                | ---              | ---                | ---              |
| <u>0 5</u>          | ---               | ---                                 | ---                    | ---                                 | ---                                 | ---                                 | ---                | ---              | ---                | ---              |
| <u>0 6</u>          | ---               | ---                                 | ---                    | ---                                 | ---                                 | ---                                 | ---                | ---              | ---                | ---              |
| <u>0 7</u>          | ---               | ---                                 | ---                    | ---                                 | ---                                 | ---                                 | ---                | ---              | ---                | ---              |

NOTE: USE ADDITIONAL PAGE IF MORE THAN 7 INTRUSIONS.

Duplicate columns 1-8  
from the previous card.

Module 1 1 Format 0 3  
9 10 11 12

NOTE: IF NO SIDE DOOR INTRUSION,  
SKIP REMAINDER OF PAGE.

**SIDE DOOR INTRUSION  
RESULTED FROM**

| INTRUSION<br>NUMBER | CAUSE     | CODES<br>FOR CAUSE: |
|---------------------|-----------|---------------------|
| <u>13</u>           | <u>15</u> | (1) DIRECT IMPACT   |
| <u>16</u>           | <u>18</u> | (2) INDUCED DAMAGE  |
| <u>19</u>           | <u>21</u> | (9) UNKNOWN         |

**IF DAMAGE TO DOOR COMPONENT RESULTED IN INCREASED  
DOOR INTRUSION, CODE COMPONENT**

| INTRUSION<br>NUMBER   | DAMAGED<br>COMPONENT 1 | DAMAGED<br>COMPONENT 2 | CODES<br>FOR COMPONENTS |
|-----------------------|------------------------|------------------------|-------------------------|
| A <u>22</u> <u>23</u> | ---                    | <u>25</u>              | (0) NONE                |
| B <u>26</u> <u>27</u> | ---                    | <u>29</u>              | (1) A-PILLAR            |
| C <u>30</u> <u>31</u> | ---                    | <u>33</u>              | (2) B-PILLAR            |
| D <u>34</u> <u>35</u> | ---                    | <u>37</u>              | (3) C-PILLAR            |
|                       |                        |                        | (4) LATCH/STRIKER       |
|                       |                        |                        | (5) HINGES              |
|                       |                        |                        | (7) OTHER: _____        |
|                       |                        |                        | (8) NOT APPLICABLE      |
|                       |                        |                        | (9) UNKNOWN             |

Duplicate columns 1-8  
from the previous card.

Module 1 T Format 0 2  
9 10 11 12

INTRUSION IT-6

NOTE: Each line in the table below is a separate record (card).  
Duplicate columns 1 - 12 for each completed line.

-- ADDITIONAL PAGE --

**INTRUSIONS** CODE INTRUSIONS IN THIS ORDER: LEFT TO RIGHT ON ROW; FRONT TO BACK IN VEHICLES.  
CODES FOR B, F, G, H, I, J ON PAGE IT-3  
CODES FOR C ON PAGE IT-4

OCCUPANT CONTACT AND INJURY

| A                   | B                 | C                                   | D                      | E                                   | F                                   | G                                   | H                  | I                | J                  | K                |
|---------------------|-------------------|-------------------------------------|------------------------|-------------------------------------|-------------------------------------|-------------------------------------|--------------------|------------------|--------------------|------------------|
| INTRUSION<br>NUMBER | OCC.<br>SPACE NO. | INTRUDING<br>COMPONENT<br>OR OBJECT | ASSOC.<br>EVENT<br>NO. | MAXIMUM<br>INTRUSION<br>X AXIS (cm) | MAXIMUM<br>INTRUSION<br>Y AXIS (cm) | MAXIMUM<br>INTRUSION<br>Z AXIS (cm) | OCCUPANT<br>NUMBER | INJURY<br>NUMBER | OCCUPANT<br>NUMBER | INJURY<br>NUMBER |
| 13-14               | 15-16             | 17-18                               | 19                     | 20-21                               | 22-23                               | 24-25                               | 26-27              | 28-29            | 30-31              | 32-33            |
| <u>0 8</u>          | — — —             | — — —                               | —                      | — — —                               | — — —                               | — — —                               | — — —              | — — —            | — — —              | — — —            |
| <u>0 9</u>          | — — —             | — — —                               | —                      | — — —                               | — — —                               | — — —                               | — — —              | — — —            | — — —              | — — —            |
| <u>1 0</u>          | — — —             | — — —                               | —                      | — — —                               | — — —                               | — — —                               | — — —              | — — —            | — — —              | — — —            |
| <u>1 1</u>          | — — —             | — — —                               | —                      | — — —                               | — — —                               | — — —                               | — — —              | — — —            | — — —              | — — —            |
| <u>1 2</u>          | — — —             | — — —                               | —                      | — — —                               | — — —                               | — — —                               | — — —              | — — —            | — — —              | — — —            |
| <u>1 3</u>          | — — —             | — — —                               | —                      | — — —                               | — — —                               | — — —                               | — — —              | — — —            | — — —              | — — —            |
| <u>1 4</u>          | — — —             | — — —                               | —                      | — — —                               | — — —                               | — — —                               | — — —              | — — —            | — — —              | — — —            |
| <u>1 5</u>          | — — —             | — — —                               | —                      | — — —                               | — — —                               | — — —                               | — — —              | — — —            | — — —              | — — —            |
| <u>1 6</u>          | — — —             | — — —                               | —                      | — — —                               | — — —                               | — — —                               | — — —              | — — —            | — — —              | — — —            |
| <u>1 7</u>          | — — —             | — — —                               | —                      | — — —                               | — — —                               | — — —                               | — — —              | — — —            | — — —              | — — —            |
| <u>1 8</u>          | — — —             | — — —                               | —                      | — — —                               | — — —                               | — — —                               | — — —              | — — —            | — — —              | — — —            |
| <u>1 9</u>          | — — —             | — — —                               | —                      | — — —                               | — — —                               | — — —                               | — — —              | — — —            | — — —              | — — —            |
| <u>2 0</u>          | — — —             | — — —                               | —                      | — — —                               | — — —                               | — — —                               | — — —              | — — —            | — — —              | — — —            |
| <u>2 1</u>          | — — —             | — — —                               | —                      | — — —                               | — — —                               | — — —                               | — — —              | — — —            | — — —              | — — —            |
| <u>2 2</u>          | — — —             | — — —                               | —                      | — — —                               | — — —                               | — — —                               | — — —              | — — —            | — — —              | — — —            |
| <u>2 3</u>          | — — —             | — — —                               | —                      | — — —                               | — — —                               | — — —                               | — — —              | — — —            | — — —              | — — —            |
| <u>2 4</u>          | — — —             | — — —                               | —                      | — — —                               | — — —                               | — — —                               | — — —              | — — —            | — — —              | — — —            |
| <u>2 5</u>          | — — —             | — — —                               | —                      | — — —                               | — — —                               | — — —                               | — — —              | — — —            | — — —              | — — —            |

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# INTERIOR DAMAGE

ID-1

## CODES:

- (0) NO  
(1) YES  
(3) NO, and OCCUPANT CONTACT

- (4) YES, and OCCUPANT CONTACT  
(8) NOT APPLICABLE  
(9) UNKNOWN

|                 | LEFT           | RIGHT          |   |                |                           |                |
|-----------------|----------------|----------------|---|----------------|---------------------------|----------------|
| <b>SIDES</b>    |                |                | <b>FRONT</b>  |                | <b>INSTRUMENT PANEL</b>   |                |
| FRONT DOOR      | <u>0</u><br>13 | <u>1</u><br>14 | FOOT CONTROLS   | <u>0</u><br>45 | UPPER PANEL               | <u>0</u><br>55 |
| FRONT HARDWARE  | <u>0</u><br>15 | <u>0</u><br>16 | IGNITION KEYS   | <u>0</u><br>46 | MID PANEL                 | <u>0</u><br>56 |
| FRONT ARMREST   | <u>0</u><br>17 | <u>0</u><br>18 | REAR VIEW MIRROR  | <u>0</u><br>47 | LOWER PANEL               | <u>0</u><br>57 |
| FRONT GLASS     | <u>1</u><br>19 | <u>1</u><br>20 | SUNVISOR/FITTINGS   | <u>6</u><br>48 | ASHTRAY                   | <u>0</u><br>58 |
| REAR DOOR AREA  | <u>8</u><br>21 | <u>8</u><br>22 | (5) LEFT SIDE ONLY<br>(6) RIGHT SIDE ONLY<br>(7) BOTH SIDES |                | CONTROL KNOBS<br>& LEVERS | <u>0</u><br>59 |
| REAR HARDWARE   | <u>8</u><br>23 | <u>8</u><br>24 | WINDSHIELD TOP<br>MOLDINGS                                  | <u>1</u><br>49 | GLOVE<br>COMPARTMENT AREA | <u>0</u><br>60 |
| REAR ARMREST    | <u>8</u><br>25 | <u>8</u><br>26 | LEFT A-PILLAR<br>(UPPER OR LOWER)                           | <u>0</u><br>50 | INSTRUMENTS               | <u>0</u><br>61 |
| REAR GLASS      | <u>8</u><br>27 | <u>8</u><br>28 | RIGHT A-PILLAR<br>(UPPER OR LOWER)                          | <u>1</u><br>51 | PARKING BRAKE RELEASE     | <u>0</u><br>62 |
| ROOF SIDE RAIL  | <u>0</u><br>29 | <u>1</u><br>30 | CENTER CONSOLE  | <u>0</u><br>52 | PARKING BRAKE PEDAL       | <u>0</u><br>63 |
| B-PILLAR        | <u>0</u><br>31 | <u>1</u><br>32 | TRANSMISSION<br>SELECTOR LEVER                              | <u>0</u><br>53 | A/C OR UPPER VENT OUTLETS | <u>0</u><br>64 |
| C-PILLAR        | <u>8</u><br>33 | <u>8</u><br>34 | RIM, HORN, SPOKE  | <u>0</u><br>54 | HEATER OR A/C DUCTS       | <u>0</u><br>65 |
| D-PILLAR        | <u>8</u><br>35 | <u>8</u><br>36 |   |                | RADIO                     | <u>0</u><br>66 |
| HEADLINING      | <u>0</u><br>37 | <u>1</u><br>38 |   |                | OTHER: * _____            | <u>8</u><br>67 |
| ROOF STRUCTURE  | <u>0</u><br>39 | <u>1</u><br>40 |   |                |                           |                |
| T-ROOF/SUN ROOF | <u>8</u><br>41 | <u>8</u><br>42 |   |                |                           |                |
| OTHER: * _____  | <u>8</u><br>43 | <u>8</u><br>44 |   |                |                           |                |
|                 |                |                |   |                | <b>REAR</b>               |                |
|                 |                |                |   |                | WINDOW                    | <u>1</u><br>68 |
|                 |                |                |   |                | WINDOW HEADER             | <u>0</u><br>69 |
|                 |                |                |   |                | <b>CONSOLES</b>           |                |
|                 |                |                |   |                | VERTICAL                  | <u>0</u><br>70 |
|                 |                |                |   |                | ROOF                      | <u>8</u><br>71 |

\* MORE THAN ONE ITEM MAY BE NOTED.



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# SEATS

ST-1

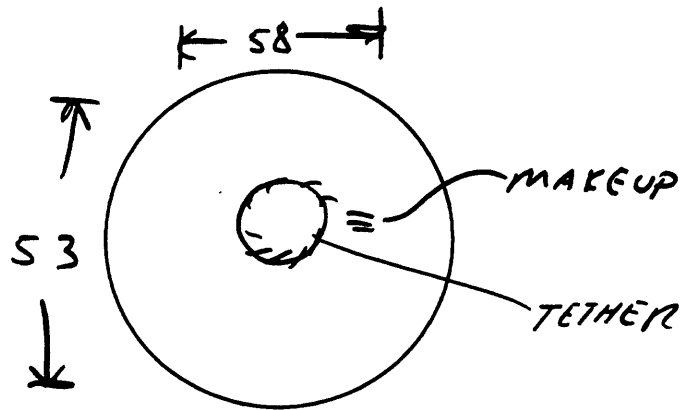
| FRONT SEAT   |  | DRIVER             | PASSENGR           | FRONT SEAT-BACK   |  | DRIVER         | PASSENGR       |
|--|--|--------------------|--------------------|---|--|----------------|----------------|
| <b>TYPE OF FRONT SEAT</b><br>(00) NO SEAT<br>(01) STANDARD BENCH<br>(02) SPLIT BACK, 50-50<br>(03) SPLIT BACK, DRIVER WIDE<br>(04) SPLIT BACK, PASS. WIDE<br>(05) BUCKET<br>(06) CAPTAIN'S CHAIR<br>(07) INDIV. BENCH, 50-50<br>(08) INDIV. BENCH, DRIVER WIDE<br>(09) INDIV. BENCH, PASS. WIDE<br>(97) OTHER: _____<br>(99) UNKNOWN |  | <u>05</u><br>13 14 | <u>05</u><br>15 16 | <b>SEAT-BACK TYPE</b><br>(1) FORWARD FOLDING<br>(2) RIGID<br>(3) RECLINING<br>(7) OTHER: _____<br>(8) NOT APPLICABLE<br>(9) UNKNOWN   |  | <u>3</u><br>30 | <u>3</u><br>31 |
| <b>TYPE OF SEAT MOUNT</b><br>(1) STANDARD<br>(2) PEDESTAL<br>(7) OTHER: _____<br>(8) NOT APPLICABLE<br>(9) UNKNOWN   |  | <u>1</u><br>17     | <u>1</u><br>18     | <b>SEAT-BACK LOCK TYPE</b><br>(0) NONE<br>(1) MANUAL<br>(2) INERTIA<br>(3) POWER<br>(7) OTHER: _____<br>(8) NOT APPLICABLE<br>(9) UNKNOWN   |  | <u>1</u><br>32 | <u>1</u><br>33 |
| <b>SWIVEL MECHANISM EQUIPPED</b><br>(0) NO<br>(1) YES<br>(8) NOT APPLICABLE<br>(9) UNKNOWN   |  | <u>0</u><br>19     | <u>0</u><br>20     | <b>LOCKS HELD</b><br>(0) NO<br>(1) YES<br>(8) NOT APPLICABLE<br>(9) UNKNOWN   |  | <u>1</u><br>34 | <u>1</u><br>35 |
| <b>ORIGINAL EQUIPMENT SEATS</b><br>(0) NO<br>(1) YES<br>(8) NOT APPLICABLE<br>(9) UNKNOWN  |  | <u>1</u><br>21     | <u>1</u><br>22     | <b>RECLINER MECHANISM HELD</b><br>(0) NO<br>(1) YES<br>(8) NOT APPLICABLE<br>(9) UNKNOWN  |  | <u>1</u><br>36 | <u>1</u><br>37 |
| <b>CONTACT OF SEAT BY REAR OCCUPANT</b><br>(0) NO<br>(1) YES<br>(8) NOT APPLICABLE<br>(9) UNKNOWN  |  | <u>8</u><br>23     | <u>8</u><br>24     | <b>HEAD RESTRAINT</b><br><b>HEAD RESTRAINT TYPE</b><br>(0) NONE<br>(1) ADJUSTABLE<br>(2) INTEGRAL<br>(3) NOT INTEGRAL, BUT CANNOT BE REMOVED<br>(7) OTHER: _____<br>(8) NOT APPLICABLE<br>(9) UNKNOWN |  | <u>2</u><br>38 | <u>2</u><br>39 |
| <b>FRONT SEAT DAMAGE</b><br>(0) NONE<br>(1) BACKREST ONLY DAMAGED<br>(2) CUSHION ONLY DAMAGED<br>(3) BACKREST & CUSHION DAMAGED<br>(8) NOT APPLICABLE<br>(9) UNKNOWN   |  | <u>0</u><br>25     | <u>0</u><br>26     | <b>REMOVED PRE-CRASH</b><br>(0) NO<br>(1) YES<br>(8) NOT APPLICABLE<br>(9) UNKNOWN  |  | <u>8</u><br>40 | <u>8</u><br>41 |
| <b>CENTER ARMREST DAMAGED</b><br>(0) NO<br>(1) YES<br>(7) EQUIPPED, DAMAGE UNKNOWN<br>(8) NOT APPLICABLE<br>(NO CENTER ARMREST)<br>(9) UNKNOWN IF EQUIPPED   |  | <u>0</u><br>27     |                    | <b>ADJUSTMENT AT CRASH</b><br>(1) UP<br>(2) DOWN<br>(8) NOT APPLICABLE<br>(9) UNKNOWN   |  | <u>8</u><br>42 | <u>8</u><br>43 |
| <b>FRONT SEAT ROTATION</b><br>(0) NONE APPARENT<br>(1) FORWARD APPARENT<br>(2) REARWARD APPARENT<br>(3) LEFT APPARENT<br>(4) RIGHT APPARENT<br>(5) MULTIPLE ROTATIONS SPECIFY _____<br>(8) NOT APPLICABLE<br>(9) UNKNOWN   |  | <u>0</u><br>28     | <u>0</u><br>29     | <b>HEAD RESTRAINT DAMAGE</b><br>(0) NONE<br>(1) DAMAGED BUT NOT SEPARATED<br>(2) SEPARATED<br>(8) NOT APPLICABLE<br>(9) UNKNOWN   |  | <u>0</u><br>44 | <u>0</u><br>45 |

| FRONT SEAT ADJUSTMENT  |  | DRIVER         | PASSENGER      | SECOND SEAT (CONT.)   |       |
|--|--|----------------|----------------|---|-------|
| SEAT ADJUSTMENT TYPE   |  |                |                | CENTER ARMREST DAMAGED  |       |
| (0) NONE (RIGID)<br>(1) MANUAL<br>(2) POWER<br>(7) OTHER: _____<br>(8) NOT APPLICABLE (NO SEAT)<br>(9) UNKNOWN   |  | <u>1</u><br>46 | <u>1</u><br>47 | <u>8</u><br>60  |       |
| ADJUSTMENT PROVIDED  |  | <u>1</u><br>48 | <u>1</u><br>49 | SECOND SEAT-BACK  |       |
| (1) 2-WAY<br>(2) 4-WAY<br>(3) 6-WAY<br>(7) OTHER: _____<br>(8) NOT APPLICABLE<br>(9) UNKNOWN   |  |                |                | LEFT  | RIGHT |
| SEAT ADJUSTER DAMAGE   |  |                |                | LOCKS   |       |
| (0) NONE<br>(1) CHUCKING (FREE PLAY)<br>(2) DEFORMED (RELEASED/JAMMED)<br>(3) SEPARATED<br>(7) OTHER: _____<br>(8) NOT APPLICABLE<br>(9) UNKNOWN   |  | <u>9</u><br>50 | <u>9</u><br>51 | FOR THE FOLLOWING, USE:   |       |
| SEAT ADJUSTER SEPARATION   |  |                |                | (0) NO<br>(1) YES<br>(8) NOT APPLICABLE<br>(9) UNKNOWN  |       |
| (0) NONE<br>(1) SEPARATED AT FLOOR<br>(2) SEPARATION OF ADJUSTER<br>(3) SEPARATED AT SEAT<br>(8) NOT APPLICABLE<br>(9) UNKNOWN   |  | <u>9</u><br>52 | <u>9</u><br>53 | LEFT OR CENTER, EQUIPPED  |       |
| PRE-CRASH POSITION   |  |                |                | LEFT OR CENTER, HELD  |       |
| (1) FORWARD<br>(2) MIDDLE<br>(3) REARWARD<br>(8) NOT APPLICABLE<br>(9) UNKNOWN   |  | <u>2</u><br>54 | <u>3</u><br>55 | (3) SEAT FOLDED DOWN  |       |
|  |  |                |                | RIGHT, EQUIPPED   |       |
|  |  |                |                | RIGHT, HELD   |       |
|  |  |                |                | (3) SEAT FOLDED DOWN  |       |
|  |  |                |                | THIRD SEAT  |       |
| SECOND SEAT  |  | LEFT           | RIGHT          | EQUIPPED  |       |
| TYPE OF SECOND SEAT  |  |                |                | BACKREST DAMAGED  |       |
| (0) NONE<br>(1) NON-FOLDING<br>(2) FOLDING<br>(3) CAPTAIN'S CHAIR<br>(4) JUMP SEAT<br>(5) INTEGRAL CHILD SEAT<br>(6) LUGGAGE AREA ACCESS PANEL<br>(9) UNKNOWN  |  | <u>0</u><br>56 | <u>0</u><br>57 | CUSHION DAMAGED   |       |
| SECOND SEAT DAMAGE   |  |                |                |   |       |
| (0) NONE<br>(1) BACKREST ONLY (DAMAGED OR LOOSENED)<br>(2) CUSHION ONLY (DAMAGED OR LOOSENED)<br>(3) BACKREST & CUSHION (DAMAGED OR LOOSENED)<br>(4) INTEGRAL CHILD SEAT (PRIORITY CODE)<br>(5) LUGGAGE AREA ACCESS PANEL (DAMAGED OR LOOSENED)<br>(8) NOT APPLICABLE<br>(9) UNKNOWN |  | <u>8</u><br>58 | <u>8</u><br>59 |   |       |
|  |  |                |                | VEHICLE EQUIPPED WITH REAR HEAD RESTRAINTS  |       |
|  |  |                |                | (0) NOT EQUIPPED (OR REMOVED)<br>(1) EQUIPPED<br>(2) EQUIPPED & DAMAGED<br>(8) NOT APPLICABLE (NO REAR SEAT)<br>(9) UNKNOWN |       |
|  |  |                |                | Applies to any rear-seat position   |       |

|  |                          |   |                          |
|--|--------------------------|---|--------------------------|
| <p align="center"><b>DRIVER SIDE</b></p> <p><b>LOCATION OF AIRBAG</b></p> <p><b>STEERING WHEEL</b></p> <p>EQUIPPED</p> <p>(0) NO<br/>(1) YES<br/>(4) PRIOR DEPLOYMENT<br/>NOT REINSTALLED<br/>(9) UNKNOWN IF AIRBAG EQUIPPED</p> <p>DEPLOYED</p> <p>(0) NO<br/>(1) YES<br/>(2) PARTIAL/IMPROPER DEPLOYMENT<br/>(8) NOT APPLICABLE<br/>(NO AIRBAG)<br/>(9) UNKNOWN</p>  | <p>/</p> <hr/> <p>13</p> | <p align="center"><b>PASSENGER SIDE</b></p> <p><b>LOCATION OF AIRBAG</b></p> <p><b>INSTRUMENT PANEL (GLOVE BOX)</b></p> <p>EQUIPPED</p> <p>(0) NO<br/>(1) YES<br/>(4) PRIOR DEPLOYMENT<br/>NOT REINSTALLED<br/>(9) UNKNOWN IF AIRBAG EQUIPPED</p> <p>DEPLOYED</p> <p>(0) NO<br/>(1) YES<br/>(2) PARTIAL/IMPROPER DEPLOYMENT<br/>(8) NOT APPLICABLE<br/>(NO AIRBAG)<br/>(9) UNKNOWN</p>  | <p>/</p> <hr/> <p>16</p> |
| <p><b>CONDITION OF AIRBAG</b></p> <p><b>STEERING WHEEL</b></p> <p>(0) NO DAMAGE<br/>(2) SPLIT OR TORN<br/>(3) CUT DURING CRASH<br/>(4) BURNED/MELTED<br/>(5) CUT POST CRASH<br/>(6) OTHER _____<br/>(7) DAMAGED, CONDITION UNKNOWN<br/>(8) NOT APPLICABLE (NOT EQUIPPED/NOT DEPLOYED)<br/>(9) UNKNOWN IF EQUIPPED<br/>OR CONDITION</p>                                 | <p>0</p> <hr/> <p>15</p> | <p><b>CONDITION OF AIRBAG</b></p> <p><b>INSTRUMENT PANEL (GLOVE BOX)</b></p> <p>(0) NO DAMAGE<br/>(2) SPLIT OR TORN<br/>(3) CUT DURING CRASH<br/>(4) BURNED/MELTED<br/>(5) CUT POST CRASH<br/>(6) OTHER _____<br/>(7) DAMAGED, CONDITION UNKNOWN<br/>(8) NOT APPLICABLE (NOT EQUIPPED/NOT DEPLOYED)<br/>(9) UNKNOWN IF EQUIPPED<br/>OR CONDITION</p>                                    | <p>0</p> <hr/> <p>18</p> |
|  |                          |   |                          |
| <p align="center"><b>DRIVER SIDE</b></p> <p><b>AIRBAG</b></p> <p><b>STEERING WHEEL</b></p> <p>TETHER</p> <p>(0) NO<br/>(1) YES<br/>(6) OTHER _____<br/>(7) UNKNOWN IF TETHERED<br/>(8) NOT APPLICABLE<br/>(NO AIRBAG)<br/>(9) UNKNOWN IF AIRBAG EQUIPPED</p> <p>MARKED BY CONTACT</p> <p>(0) NO<br/>(1) YES<br/>(8) NOT APPLICABLE<br/>(NO AIRBAG)<br/>(9) UNKNOWN</p> | <p>/</p> <hr/> <p>19</p> | <p align="center"><b>PASSENGER SIDE</b></p> <p><b>AIRBAG</b></p> <p><b>INSTRUMENT PANEL (GLOVE BOX)</b></p> <p>TETHER</p> <p>(0) NO<br/>(1) YES<br/>(6) OTHER _____<br/>(7) UNKNOWN IF TETHERED<br/>(8) NOT APPLICABLE<br/>(NO AIRBAG)<br/>(9) UNKNOWN IF AIRBAG EQUIPPED</p> <p>MARKED BY CONTACT</p> <p>(0) NO<br/>(1) YES<br/>(8) NOT APPLICABLE<br/>(NO AIRBAG)<br/>(9) UNKNOWN</p> | <p>0</p> <hr/> <p>21</p> |
| <p align="center"><b>DRIVER SIDE</b></p> <p><b>AIRBAG</b></p> <p><b>STEERING WHEEL</b></p> <p>TETHER</p> <p>(0) NO<br/>(1) YES<br/>(6) OTHER _____<br/>(7) UNKNOWN IF TETHERED<br/>(8) NOT APPLICABLE<br/>(NO AIRBAG)<br/>(9) UNKNOWN IF AIRBAG EQUIPPED</p> <p>MARKED BY CONTACT</p> <p>(0) NO<br/>(1) YES<br/>(8) NOT APPLICABLE<br/>(NO AIRBAG)<br/>(9) UNKNOWN</p> | <p>/</p> <hr/> <p>20</p> | <p align="center"><b>PASSENGER SIDE</b></p> <p><b>AIRBAG</b></p> <p><b>INSTRUMENT PANEL (GLOVE BOX)</b></p> <p>TETHER</p> <p>(0) NO<br/>(1) YES<br/>(6) OTHER _____<br/>(7) UNKNOWN IF TETHERED<br/>(8) NOT APPLICABLE<br/>(NO AIRBAG)<br/>(9) UNKNOWN IF AIRBAG EQUIPPED</p> <p>MARKED BY CONTACT</p> <p>(0) NO<br/>(1) YES<br/>(8) NOT APPLICABLE<br/>(NO AIRBAG)<br/>(9) UNKNOWN</p> | <p>0</p> <hr/> <p>22</p> |

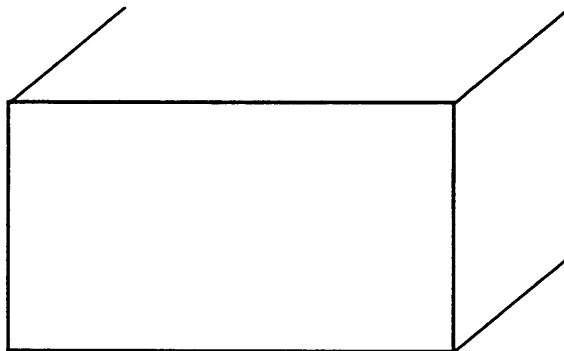
AIRBAG NUMBER ON DRIVER SIDE:

NOTE AND DESCRIBE ANY AIRBAG CONTACT OR  
DAMAGE ON DIAGRAM BELOW:



AIRBAG NUMBER ON PASSENGER SIDE:

NOTE AND DESCRIBE ANY AIRBAG CONTACT OR  
DAMAGE ON DIAGRAM BELOW:



NOTE TO THE INVESTIGATOR:

THE FOLLOWING TWO SECTIONS,  
OCCUPANT INFORMATION AND INJURY CLASSIFICATION,  
ARE TO BE FILLED IN  
FOR EACH CASE VEHICLE OCCUPANT,  
WHETHER INJURED OR NOT.

IF THERE IS MORE THAN ONE OCCUPANT,  
USE ADDITIONAL COPIES  
OF PAGES OC-1, OC-2, OC-3,  
AND IC-2 TO DESCRIBE THEM  
AND ATTACH THE COPIES TO THIS REPORT.

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from the previous card.Module 0 C Format 0 2  
9 10 11 12

## OCCUPANT INFORMATION OC-1

|   |  |  |  |
|---|--|--|--|
| <b>OCCUPANT IDENTIFICATION</b><br><br>OCCUPANT NUMBER <u>01</u><br><small>13 14</small><br><br>ROLE OF OCCUPANT AT 1ST IMPACT<br><br><u>1</u><br><small>15</small><br>(1) MOTOR VEHICLE DRIVER<br>(2) MOTOR VEHICLE PASSENGER<br>(NOT DRIVER)<br>(9) UNKNOWN  |  | <b>PHYSICAL DESCRIPTION</b><br><br>AGE IN YEARS <u>20</u><br><small>20 21</small><br>(00) LESS THAN 1 YEAR<br>(98) 98 YEARS OR OLDER<br>(99) UNKNOWN<br><br>AGE IN MONTHS <u>25</u><br><small>22 23</small><br>(00) LESS THAN 1 MONTH<br>(25) 25 MONTHS OR OLDER<br>(99) UNKNOWN<br><br>MASS (kg) <u>130</u><br>(999) UNKNOWN<br><br>HEIGHT (cm) <u>5'3</u><br>(999) UNKNOWN<br><br>SEX <u>2</u><br><small>30</small><br>(1) MALE<br>(2) FEMALE<br>(9) UNKNOWN   |  |
| <b>OCCUPANT POSITION</b><br><br>ROW LOCATION<br><br><u>1</u><br><small>16</small><br>(1) FRONT<br>(2) SECOND<br>(3) THIRD<br>(4) FOURTH<br>(7) OTHER: _____<br>(8) EXTERNAL TO PASSENGER<br>COMPARTMENT (E.G. BED OF PICKUP)<br>(9) UNKNOWN<br><br>LATERAL LOCATION<br><br><u>1</u><br><small>17</small><br>(1) LEFT<br>(2) LEFT CENTER<br>(3) CENTER<br>(4) RIGHT CENTER<br>(5) RIGHT<br>(6) ALL (LYING ON SEAT)<br>(8) EXTERNAL TO PASSENGER<br>COMPARTMENT<br>(9) UNKNOWN<br><br>POSTURE<br><br><u>10</u><br><small>18 19</small><br>(10) SITTING ON SEAT<br>(11) SITTING ON SEAT IN ABNORMAL<br>POSITION (E.G. FEET ON DASH,<br>SIDEWAYS)<br>(12) SITTING ON CONSOLE<br>(20) ON LAP OR IN ARMS<br>(30) STANDING ON SEAT<br>(40) STANDING ON FLOOR<br>(47) STANDING, EXTERNAL TO<br>PASSENGER COMPARTMENT<br>(50) IN BASSINET<br>(60) IN CHILD SEAT<br>(65) IN CHILD HARNESS<br>(70) LYING ON SEAT<br>(80) LYING/SITTING ON PASSENGER<br>FLOOR<br>(83) LYING/SITTING ON OTHER<br>OBJECT IN PASSENGER<br>COMPARTMENT: _____<br>(85) ON CARGO FLOOR/FOLDED<br>SEAT-BACK<br>(87) LYING/SITTING, EXTERNAL TO<br>PASSENGER COMPARTMENT<br>(97) OTHER: _____<br>(99) UNKNOWN |  | <b>MEDICAL CONDITIONS</b><br><br>TREATMENT/MORTALITY <u>02</u><br><small>31 32</small><br>(00) NONE<br>(01) FIRST AID AT SCENE<br>(02) TREATED AT HOSPITAL/CLINIC<br>BUT NOT ADMITTED<br>(03) HOSPITALIZED FOR OBSERVATION<br>LESS THAN 24 HOURS<br>(04) HOSPITALIZED OVER 24 HOURS<br>OR FOR SIGNIFICANT TREATMENT<br>(05) FATAL, DEAD AT SCENE<br>(06) FATAL, DOA<br>(07) FATAL, DEAD WITHIN 24 HOURS<br>(08) FATAL, DEAD 24 HOURS TO<br>31 DAYS LATER<br>(09) FATAL, DEAD 31 DAYS TO<br>1 YEAR LATER<br>(10) FATAL DEAD WITHIN UNKNOWN<br>PERIOD<br>(99) UNKNOWN<br><br>INJURY SEVERITY SCORE (ISS) <u>02</u><br><small>33 34</small><br>(99) UNKNOWN<br><br>NON-IMPACT MED. CONDITIONS <u>0</u><br><small>35</small><br>(0) NONE<br>(1) YES, TIME & TYPE UNKNOWN<br>(2) PRE-CRASH FATAL (CLINICAL<br>DEATH AT WHEEL)<br>(3) PRE-CRASH NON-FATAL (E.G.<br>PRIOR INJURY, STROKE)<br>(4) PREGNANT<br>(5) POST-CRASH FATAL (DROWNING)<br>(6) POST-CRASH NON-FATAL INJURY<br>(7) OTHER: _____<br>(8) COMBINATION OF ABOVE<br>(CIRCLE EACH)<br>(9) UNKNOWN |  |

# OCCUPANT INFORMATION OC-2

## MEDICAL CONDITIONS (CONT.)

### POLICE INJURY SEVERITY CODE FOR THIS OCCUPANT

- (0) O - NO INJURY
- (1) C - POSSIBLE INJURY
- (2) B - NON-INCAPACITATING
- (3) A - INCAPACITATING INJURY
- (4) K - FATAL
- (5) INJURED, SEVERITY UNKNOWN
- (6) DIED PRIOR TO IMPACT
- (7) NON-FATAL INJURY,  
SEVERITY UNKNOWN
- (9) UNKNOWN

2  
36

## CHILD SEAT TYPE

- (00) NONE USED
- (01) YES, USED
- (02) INTEGRAL, Chrysler Mini-van
- (88) NOT APPLICABLE  
(ADULT OR OLDER CHILD)
- (99) UNKNOWN

88  
41 42

## CHILD SEAT MAKE/MODEL

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## RESTRAINT SYSTEM

### ACTIVE RESTRAINT SYSTEM

- (0) NONE
- (1) LAP BELT
- (2) SHOULDER HARNESS ONLY
- (3) BOTH LAP BELT &  
SHOULDER HARNESS
- (9) UNKNOWN

3  
37

### ACTIVE RESTRAINT SYSTEM USAGE

- (0) NONE (AVAILABLE BUT NOT USED)
- (1) LAP BELT ONLY
- (2) SHOULDER HARNESS ONLY
- (3) BOTH LAP BELT &  
SHOULDER HARNESS
- (7) IMPROPER USAGE
- (8) NOT APPLICABLE (NONE AVAILABLE)
- (9) UNKNOWN

3  
38

### PASSIVE RESTRAINT SYSTEM

- (0) NONE
- (1) AIRBAG INSTALLED
- (2) PASSIVE UPPER TORSO  
WITH KNEE BOLSTERS
- (3) PASSIVE UPPER TORSO  
WITHOUT KNEE BOLSTERS
- (4) PASSIVE LAP & UPPER TORSO
- (5) AIRBAG INSTALLED &  
PASSIVE RESTRAINT
- (7) OTHER: \_\_\_\_\_
- (9) UNKNOWN

1  
39

### PASSIVE RESTRAINT SYSTEM USAGE

- (0) SYSTEM DEFEATED
- (1) AIRBAG NOT DEPLOYED
- (2) AIRBAG DEPLOYED
- (3) AIRBAG NOT REINSTALLED
- (4) PASSIVE UPPER TORSO USED
- (5) PASSIVE LAP & UPPER TORSO USED
- (6) SYSTEM USED IN MANUAL MODE
- (7) IMPROPER USAGE
- (8) NOT APPLICABLE (NOT ORIGINALLY  
EQUIPPED)
- (9) UNKNOWN

2  
40

## EJECTION

### DEGREE OF EJECTION

- (0) NONE
- (1) PARTIAL
- (2) COMPLETE
- (7) EJECTED, DEGREE UNKNOWN
- (9) UNKNOWN IF EJECTED

0  
43

### AREA OF EJECTION

- (01) WINDOW, LEFT SIDE
- (02) WINDOW, RIGHT SIDE
- (03) WINDOW, REAR
- (04) DOOR, LEFT SIDE
- (05) DOOR, RIGHT SIDE
- (06) DOOR, REAR OR TAILGATE
- (07) WINDSHIELD
- (08) ROOF OR OPEN CONVERTIBLE OR  
FROM EXTERNAL AREA
- (96) EJECTED AREA UNKNOWN
- (97) OTHER AREA: \_\_\_\_\_
- (98) NOT APPLICABLE (NOT EJECTED)
- (99) UNKNOWN IF EJECTED

98  
44 45

### IF OCCUPANT WAS EJECTED, DESCRIBE IN DETAIL BELOW:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## HEAD RESTRAINT

### HEAD RESTRAINT AVAILABLE FOR THIS POSITION

- (0) NOT EQUIPPED OR REMOVED
- (1) EQUIPPED
- (9) UNKNOWN

1  
46

# OCCUPANT INFORMATION OC-3

## OCCUPANT EYEWEAR

- (0) NONE
- (1) GLASSES
- (2) CONTACTS
- (3) BOTH GLASSES AND CONTACTS
- (4) OTHER \_\_\_\_\_
- (8) NOT APPLICABLE
- (9) UNKNOWN

0  
47

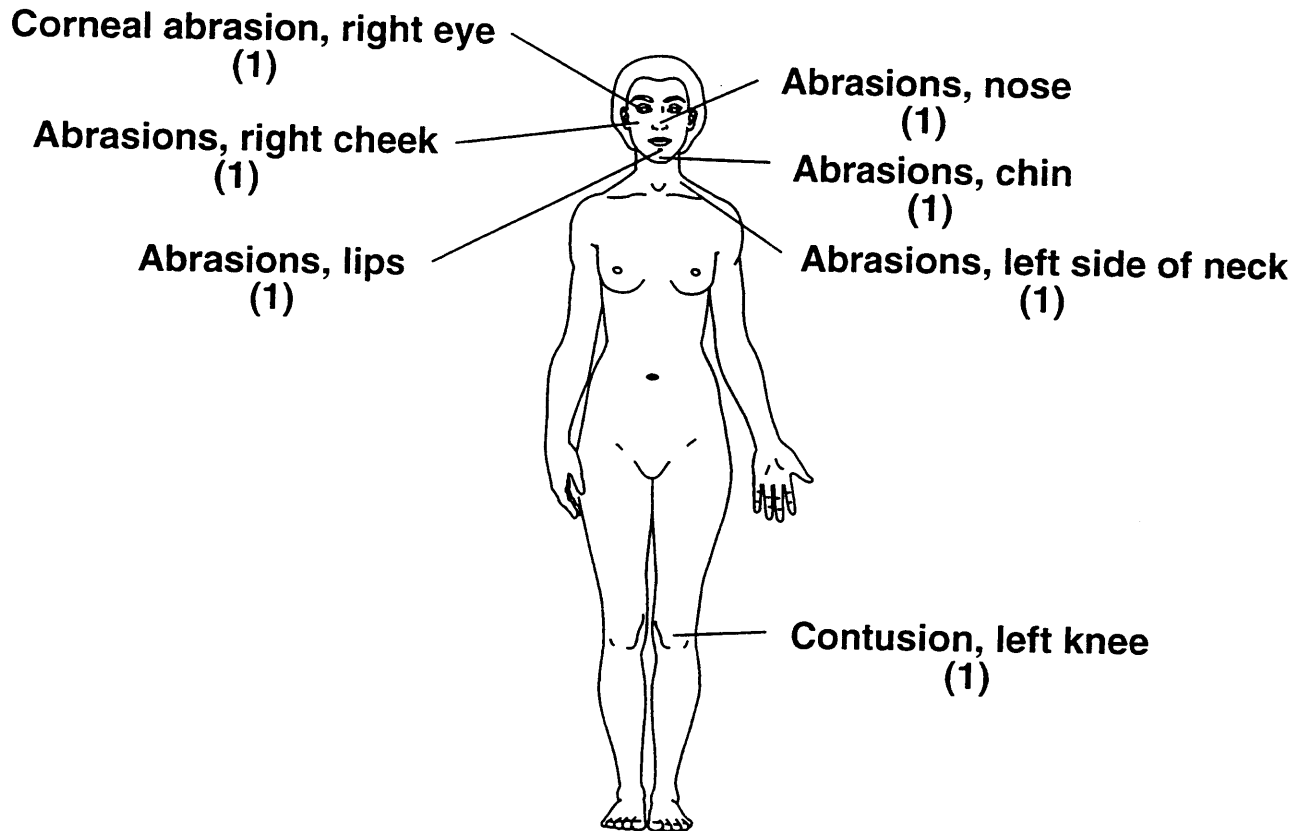
## SOURCE OF INFORMATION

- (0) INTERVIEW
- (1) HOSPITAL
- (2) AUTOPSY
- (3) POLICE
- (4) OTHER \_\_\_\_\_
- (5) LAY CORONER/EXTERNAL EXAM
- (7) COMBINATION OF ABOVE (CIRCLE)
- (8) NOT APPLICABLE
- (9) UNKNOWN

7  
48



INDICATE LOCATION OF INJURIES.



Duplicate columns 1-8  
from the previous card.

Module I C Format 0 1  
9 10 11 12

# INJURY CLASSIFICATION IC-1

NOTE: Each line in the table below is a separate record (card).  
Duplicate columns 1 - 12 for each completed line.

## OCCUPANT INJURY CLASSIFICATION

|  |               |   |       |          | PRIMARY OIC |     |                  |             |             | ASSOCIATED OIC    |               |                  |             |             | COMMENTS          |               |  |
|--|---------------|---|-------|----------|-------------|-----|------------------|-------------|-------------|-------------------|---------------|------------------|-------------|-------------|-------------------|---------------|--|
| OCCUPANT NUMBER                            | INJURY NUMBER | PLACE CONTACTS IN ORDER OF PROBABILITY (HORIZONTALLY). START WITH MOST PROBABLE IN 1ST CONTACT AREA COLUMN. |       |          | 1ST         | 2ND | BODY REGION<br>1 | ASPECT<br>2 | LESION<br>3 | SYSTEM/ORGAN<br>4 | SEVERITY<br>5 | BODY REGION<br>1 | ASPECT<br>2 | LESION<br>3 | SYSTEM/ORGAN<br>4 | SEVERITY<br>5 |  |
|  |               | 1ST   | 2ND   |          |             |     |                  |             |             |                   |               |                  |             |             |                   |               |  |
| 13-14                                      | 15-16         | 17-18   | 19-20 | COMMENTS | 21          | 22  | 23               | 24          | 25          | 26                | 27            | 28               | 29          | 30          |                   |               |  |
| Duplicate "Occupant Number" for each line. | 01            | 87  |       | RT EYE   |             |     |                  |             |             |                   |               |                  |             |             |                   |               |  |
|  | 01            | 87  |       | CHEEK    |             |     |                  |             |             |                   |               |                  |             |             |                   |               |  |
|  | 03            | 87  |       | NOSE     |             |     |                  |             |             |                   |               |                  |             |             |                   |               |  |
|  | 04            | 87  |       | CHIN     |             |     |                  |             |             |                   |               |                  |             |             |                   |               |  |
|  | 05            | 87  |       | LIPS     |             |     |                  |             |             |                   |               |                  |             |             |                   |               |  |
|  | 06            | 34  |       |          |             |     |                  |             |             |                   |               |                  |             |             |                   |               |  |
|  | 07            | 56  |       |          |             |     |                  |             |             |                   |               |                  |             |             |                   |               |  |
|  |               |   |       |          |             |     |                  |             |             |                   |               |                  |             |             |                   |               |  |
|  |               |   |       |          |             |     |                  |             |             |                   |               |                  |             |             |                   |               |  |
|  |               |   |       |          |             |     |                  |             |             |                   |               |                  |             |             |                   |               |  |
|  |               |   |       |          |             |     |                  |             |             |                   |               |                  |             |             |                   |               |  |
|  |               |   |       |          |             |     |                  |             |             |                   |               |                  |             |             |                   |               |  |
|  |               |   |       |          |             |     |                  |             |             |                   |               |                  |             |             |                   |               |  |
|  |               |   |       |          |             |     |                  |             |             |                   |               |                  |             |             |                   |               |  |

NOTE: USE ADDITIONAL PAGES IF NECESSARY.

## CODES FOR AREAS OF POSSIBLE OCCUPANT CONTACT

## FRONT OF PASSENGER COMPARTMENT

- (10) SUNVISOR, FITTING(S) &/OR TOP MOLDING
- (12) WINDSHIELD
- (05) INSTRUMENT PANEL (*SPECIFIC AREA UNKNOWN*)
- (54) UPPER INSTRUMENT PANEL (*X*)
- (55) MIDDLE INSTRUMENT PANEL (*Y*)
- (56) LOWER INSTRUMENT PANEL (*Z*)
- (81) ASH TRAY (*INSTRUMENT PANEL*)
- (02) GLOVE COMPARTMENT AREA
- (47) AIRBAG (*ACRS*) COMPARTMENT DOOR/COVER
- (57) BENEATH INSTRUMENT PANEL
- (53) PARCEL TRAY
- (48) KNEE RESTRAINT
- (86) VERTICAL CONSOLE
- (28) FOOT CONTROLS (*INCL. PARKING BRAKE PEDAL*)
- (09) STEERING ASSEMBLY (*SPECIFIC AREA UNKNOWN*)
- (65) STEERING WHEEL
- (66) STEERING WHEEL COLUMN
- (59) TRANSMISSION LEVER ON COLUMN
- (03) HARDWARE ITEM (*SPECIFIC AREA UNKNOWN*)
- (82) INSTRUMENT(S)
- (83) CONTROL KNOB(S) & LEVER(S) (*FRONT*)
- (84) PARKING BRAKE HANDLE IN FRONT
- (67) IGNITION KEY
- (06) MIRROR
- (04) HEATER OR AIR CONDITIONING DUCTS
- (01) AIR CONDITIONING OR VENTILATION OUTLET(S)
- (08) RADIO (*BUILT IN*)
- (58) ADD-ON TAPE DECK, RADIO, A/C
- (68) ROOF MOUNTED CONTROLS/CONSOLES

## REAR

- (88) SURFACE OF REAR INTERIOR
- (23) REAR WINDOW
- (39) REAR WINDOW HEADER
- (50) REAR SEAT CUSHION & BACK

## INTERIOR-GENERAL

- (11) TRANSMISSION SELECTION LEVER (*LOCATION UNK.*)
- (59) TRANSMISSION LEVER ON STEERING COLUMN
- (44) TRANSMISSION LEVER ON FLOOR OR CONSOLE
- (07) PARKING BRAKE HANDLE (*LOCATION UNKNOWN*)
- (84) PARKING BRAKE HANDLE IN FRONT
- (85) PARKING BRAKE HANDLE ON FLOOR OR CONSOLE
- (28) FOOT CONTROLS (*INCL. PARKING BRAKE PEDAL*)
- (29) FRONT SEAT-BACK(S)
- (51) FRONT SEAT CUSHION
- (50) REAR SEAT CUSHION & BACK
- (49) ARMREST ON SEAT
- (89) UNDER SEAT BOTTOM
- (33) RESTRAINT SYSTEM HARDWARE
- (34) RESTRAINT SYSTEM WEBBING
- (87) AIR CUSHION SKIN (*AIRBAG*)
- (47) AIRBAG (*ACRS*) COMPARTMENT DOOR/COVER
- (46) AIRBAG GAS
- (48) KNEE RESTRAINT
- (30) HEAD RESTRAINT
- (42) CHILD SEAT RESTRAINTS
- (43) CHILD SEAT
- (31) INTERIOR LOOSE OBJECT
- (32) OTHER OCCUPANT(S)
- (52) INTERNAL FLYING GLASS (*FROM ANY SOURCE*)
- (41) UNKNOWN INTERIOR SURFACE

## SIDES

- (20) SURFACE OF SIDE INTERIOR
- (19) HARDWARE ON SIDE OR DOOR
- (13) ARMREST ON SIDE OR DOOR
- (24) COAT HOOK
- (22) WINDOW GLASS (*SIDE*)
- (21) WINDOW FRAMES (*SIDE*)
- (26) ROOF SIDE RAIL
- (14) A-PILLAR
- (15) B-PILLAR
- (16) C-PILLAR
- (17) D-PILLAR

## FLOOR

- (40) FLOOR
- (27) CONSOLE ON FLOOR OR BETWEEN SEATS
- (44) TRANSMISSION LEVER ON FLOOR OR CONSOLE
- (85) PARKING BRAKE HANDLE ON FLOOR OR CONSOLE
- (28) FOOT CONTROLS (*INCL. PARKING BRAKE PEDAL*)
- (91) KICKPANEL

## ROOF

- (25) ROOF OR CONVERTIBLE TOP
- (10) SUNVISOR, FITTING(S) &/OR TOP MOLDING
- (26) ROOF SIDE RAIL
- (24) COAT HOOK
- (18) DOME LIGHT
- (39) BACKLIGHT HEADER
- (68) ROOF MOUNTED CONTROLS/CONSOLE
- (69) ROLL BAR

## EXTERIOR SURFACE OF CASE VEHICLE

- (37) OUTSIDE SURFACE OF CASE VEHICLE (*SPECIFIC AREA UNKNOWN*)
- (35) HOOD OF CASE VEHICLE
- (60) EXTERIOR OF CASE VEHICLE (*E.G. OUTSIDE MIRRORS, ANTENNA, TRIM*)
- (62) EXTERIOR SIDE ROOF RAIL OF CASE VEHICLE
- (63) TRUNK LID OF CASE VEHICLE
- (64) TIRES OF CASE VEHICLE

## BEYOND CASE VEHICLE BOUNDARY

- (36) AREA EXTERIOR TO CAR (*SPECIFIC AREA UNK.*)
- (70) HOOD OF OTHER VEHICLE
- (71) OTHER VEHICLE EXTERIOR HARDWARE (*E.G. OUTSIDE MIRRORS, ANTENNA, TRIM*)
- (73) EXTERIOR SIDE ROOF RAIL OF OTHER VEHICLE
- (74) HEADLIGHT OR FRONT GRILL OF OTHER VEH.
- (75) TRUNK OF OTHER VEHICLE
- (76) OUTSIDE SURFACE OF OTHER VEHICLE
- (77) TIRES OF OTHER VEHICLE
- (78) GROUND
- (79) WATER
- (80) EXTERIOR OBJECT (*NOT VEHICLE, GROUND, OR WATER. PLEASE DESCRIBE.*)

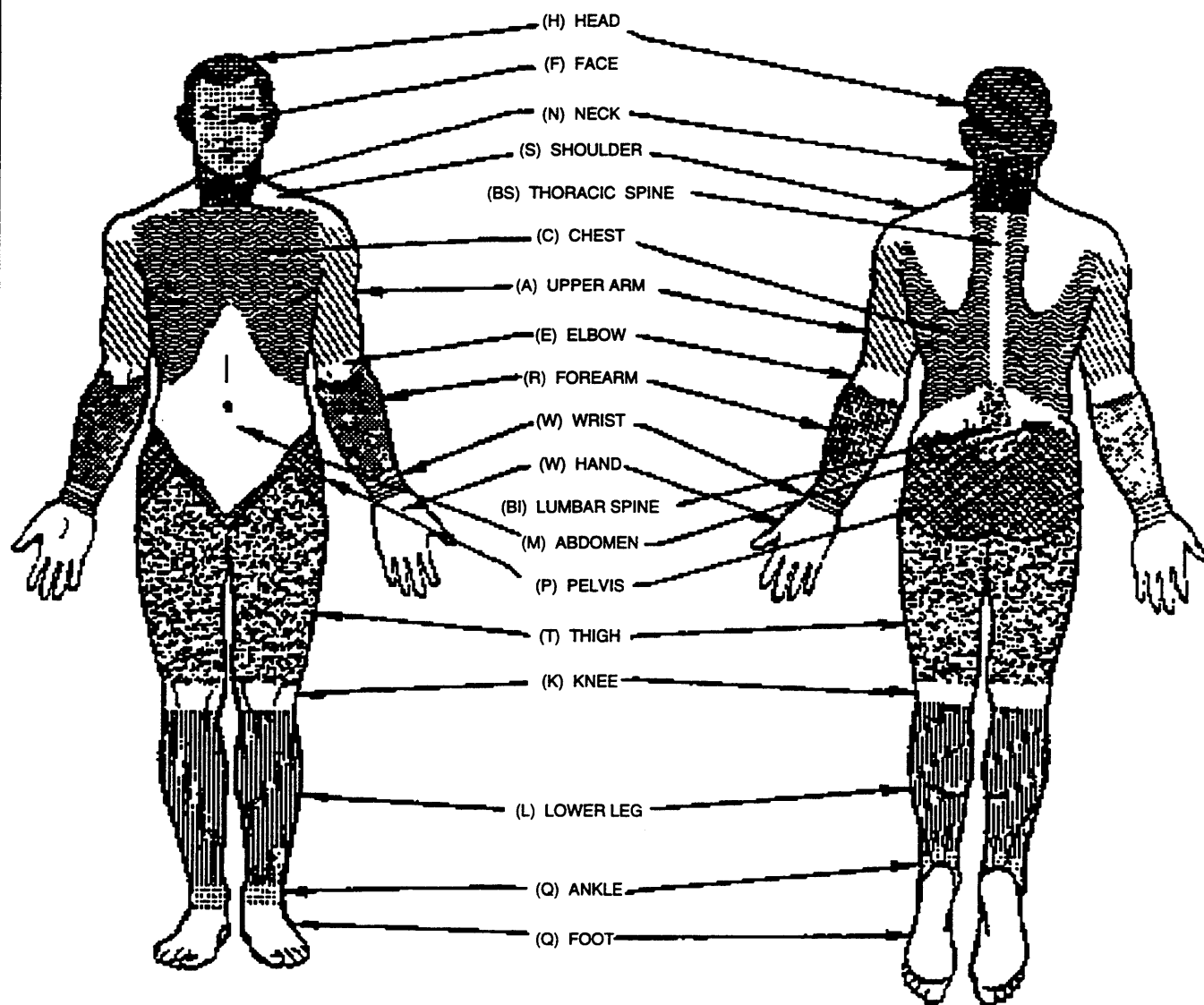
## PENETRATING OBJECTS

- (61) OTHER VEHICLE
- (72) OBJECTS (*DESCRIBE*)

## MISCELLANEOUS

- (00) NO CONTACT (*INVALID FIELD FORM CODE*)
- (38) OTHER (*E.G. FIRE. DESCRIBE*)
- (90) SPARE TIRE
- (96) INDUCED
- (97) EJECTED, UNKNOWN CONTACT
- (98) IMPACT FORCE, "WHIPLASH", HYPEREXTENSION/COMPRESSION
- (99) UNKNOWN AREA OF CONTACT

THE FIGURE BELOW  
IS AN EXPLANATION OF THE BODY REGION CODES  
LISTED ON PAGE IC - 4.



## CODES FOR OCCUPANT INJURY CLASSIFICATION (OIC)

| 1 | BODY REGION              | 3 | LESION                              | 4 | SYSTEM/ORGAN  |
|---|--------------------------|---|-------------------------------------|---|---|
|   | (H) HEAD/SKULL           |   | (L) LACERATION                      |   | (S) SKELETAL  |
|   | (F) FACE                 |   | (C) CONTUSION                       |   | (V) VERTEBRAE                                       |
|   | (N) NECK                 |   | (A) ABRASION                        |   | (J) JOINTS  |
|   | (S) SHOULDER             |   | (F) FRACTURE                        |   | (D) DIGESTIVE                                       |
|   | (X) UPPER EXTREMITIES    |   | (P) PERFORATION,<br>PUNCTURE        |   | (L) LIVER   |
|   | (A) ARM ( <i>UPPER</i> ) |   | (K) CONCUSSION                      |   | (N) NERVOUS SYSTEM                                  |
|   | (E) ELBOW                |   | (V) AVULSION                        |   | (B) BRAIN   |
|   | (R) FOREARM              |   | (R) RUPTURE                         |   | (C) SPINAL CORD                                     |
|   | (W) WRIST/HAND           |   | (S) SPRAIN                          |   | (E) EARS  |
|   | (C) CHEST                |   | (D) DISLOCATION                     |   | (O) EYES  |
|   | (M) ABDOMEN              |   | (N) CRUSH                           |   | (A) ARTERIES  |
|   | (B) BACK                 |   | (M) AMPUTATION                      |   | (H) HEART   |
|   | (P) PELVIC/HIP           |   | (B) BURN                            |   | (Q) SPLEEN  |
|   | (Y) LOWER EXTREMITIES    |   | (G) DETACHMENT,<br>SEPARATION       |   | (G) UROGENITAL                                      |
|   | (T) THIGH                |   | (Z) FRACTURE AND<br>DISLOCATION     |   | (K) KIDNEYS   |
|   | (K) KNEE                 |   | (T) STRAIN                          |   | (R) RESPIRATORY                                     |
|   | (L) LEG ( <i>LOWER</i> ) |   | (E) TOTAL SEVERANCE,<br>TRANSECTION |   | (P) PULMONARY/LUNGS                                 |
|   | (Q) ANKLE/FOOT           |   | (O) OTHER                           |   | (M) MUSCLES   |
|   | (O) WHOLE BODY           |   | (U) UNKNOWN                         |   | (T) THYROID, OTHER<br>ENDOCRINE GLAND               |
|   | (U) UNKNOWN              |   |                                     |   | (I) INTEGUMENTARY ( <i>SKIN</i> )                   |
|   |                          |   |                                     |   | (W) ALL SYSTEMS IN REGION                           |
|   |                          |   |                                     |   | (U) UNKNOWN   |
| 2 | ASPECT                   |   |                                     | 5 | SEVERITY<br>(OR "AIS", ABBREVIATED<br>INJURY SCALE) |
|   | (R) RIGHT                |   |                                     |   | (0) NONE  |
|   | (L) LEFT                 |   |                                     |   | (1) MINOR   |
|   | (B) BILATERAL            |   |                                     |   | (2) MODERATE  |
|   | (C) CENTRAL              |   |                                     |   | (3) SERIOUS   |
|   | (A) ANTERIOR/FRONT       |   |                                     |   | (4) SEVERE  |
|   | (P) POSTERIOR/BACK       |   |                                     |   | (5) CRITICAL  |
|   | (S) SUPERIOR/UPPER       |   |                                     |   | (6) MAXIMUM   |
|   | (I) INFERIOR/LOWER       |   |                                     |   | (9) UNKNOWN   |
|   | (W) WHOLE REGION         |   |                                     |   |   |
|   | (U) UNKNOWN              |   |                                     |   |   |

| BODY REGION | ASPECT | LESION | SYSTEM/ORGAN | SEVERITY |
|-------------|--------|--------|--------------|----------|
| 1           | 2      | 3      | 4            | 5        |

Case No.: 20-000  
Case Vets. (S): 1999 Ford  
Type: Manager, K-1, requires cost-picking  
Driver: 20-year-old female  
Vehicle: (S): 1999 Ford Mustang 2.0, 4-door hatchback

Weather: Clear  
Road Surface: Dry  
Road Construction: Asphalt  
Light Conditions: Daylight





PN 3398 #2



PN 3398 #3





PN 3398 #4



PN 3398 #5



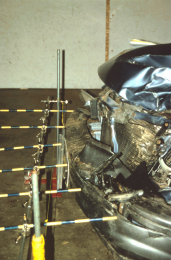
PN 3398 #6  
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PN 3398 #7  
Best Available



PN 3398 #8



PN 3398 #9  
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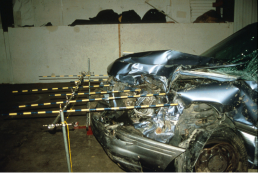


PN 3398 #10



PN 3398 #11  
Best Available





PN 3398 #12



PN 3398 #13



PN 3398 #14



PN 3398 #15  
Best Available



PN 3398 #16



PN 3398 #17  
Best Available



PN 3398 #18



**PN 3398 #19**  
**Best Available**





PN 3398 #20



PN 3398 #21



PN 3398 #22



PN 3398 #23



PN 3396 #24



PN 3398 #25



PN 3398 #26



PN 3398 #27





PN 3398 #28



PN 3398 #29



PN 3398 #30



PN 3398 #31



PN 3398 #32



PN 3398 #33

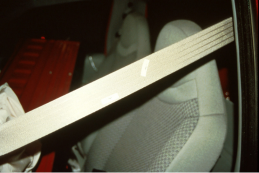


PN 3398 #34



PN 3398 #35





PN 3398 #36



PN 3398 #37

CASE NO.: 95-88

CASE VEHICLE: 1998 Ford

TYPE: Ranger XLT, regular cab pickup

OCCUPANT: (Driver) 36-year-old female

STATURE: 168 cm (5'6 3/4")    WEIGHT: 58 kg (128 lbs)

RESTRAINTS: 3-point belt worn; airbag-deployed

SEVERITY:    MAC - 1            CAS - 2

